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Oil, Paint and Drug Reporter

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Volume 143 No. 4 — Schnell Publishing Company, Inc., Publishers — January 25, 1943

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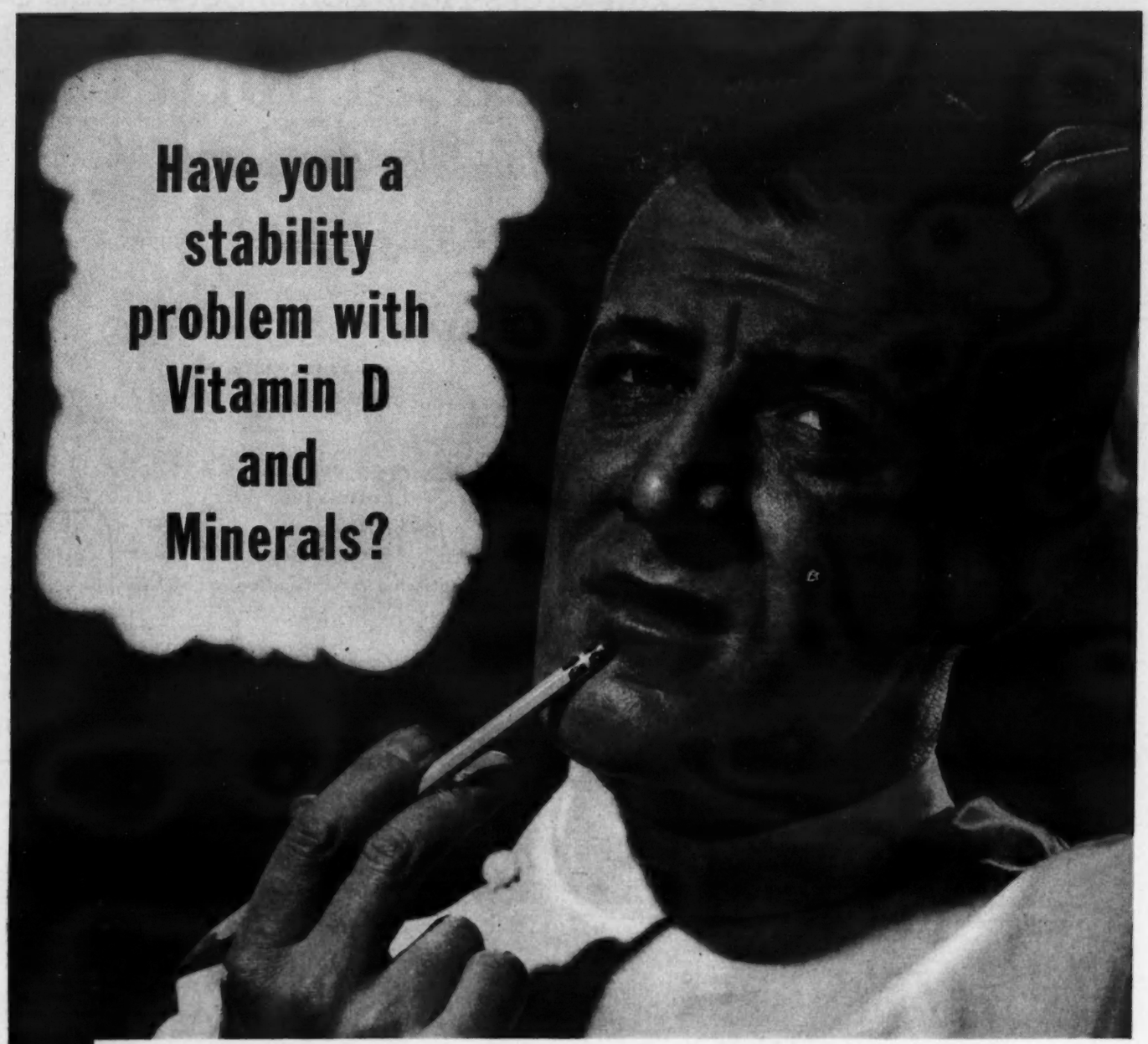

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No. 4 | January 25, 1943 | Volume 143

A.M.A. Conviction Upheld by High Court

OPD Washington Bureau

Conviction of the American Medical Association and the District Medical Society, which were charged with seeking to restrain the operations of the Group Health Association, a medical cooperative, in violation of the Sherman antitrust law, was upheld January 18 by a unanimous decision of the Supreme Court of the United States.

The defendant medical groups had contended that the practice of medicine is not a trade and that they were therefore exempt from prosecution under the Sherman act. The court said that it was not necessary to pass on that point, inasmuch as Group Health is a business and that the defendants were seeking to interfere with that business. By that standard, it was added, the prosecution under section 3 of the Sherman act was proper.

The defendants also had contended that if they were amenable to prosecution under the Sherman act that they were entitled to the protection of the Clayton and Norris-LaGuardia

—Continued on page 45

72d—OPD—Year

Alcohol Drawback Tax Clarified

OPD Washington Bureau

Technical points raised in the regulations of the Bureau of Internal Revenue covering the alcohol drawback tax were discussed with Stewart Berkshire, Deputy Commissioner of Internal Revenue in charge of the alcohol tax unit by members of the accounting committee of the American Drug Manufacturers Association and representatives of the American Pharmaceutical Manufacturers Association.

According to Carson P. Frailey, executive vice-president of the ADMA the group was informed that the term "sold or otherwise transferred" as used in the regulations is intended to mean the actual transfer of title of the medicinal preparation or preparations, and claims for drawback cannot be made merely on the transfer of the product, say, from the plant of the manufacturer to his place of storage. Title must actually transfer from the seller to the buyer.

Question also had been raised as to procedure for preparation and filing of claims. In the bulletin to be dis-

—Continued on page 50

72d—OPD—Year

Wholesalers Get Ruling On Labor Standards Act

OPD Washington Bureau

Employees of warehousemen and wholesalers who sell and distribute products entirely within one State are not subject to the fair labor standards act although the goods may come from outside the State, the Supreme Court of the United States ruled January 18 in two cases involving the Jacksonville (Fla.) Paper Company and Carr Brothers Company, of Portland, Me., a wholesaler of groceries and produce.

Justice William O. Douglas noted that Congress had specifically excepted from the act employees of an establishment "the greater part of whose selling or servicing is in intrastate commerce," and said that the applicability of the act is dependent on the character of the employee's work, and thus, the law does not apply unless a "substantial part of an employee's activities" relate to goods in interstate commerce. He added.—

"We cannot conclude that all phases of a wholesale business selling intrastate are covered by the act solely because it makes its purchases interstate."

A.D.M.A. Annual Convention, Chicago

OPD Washington Bureau

The annual convention of the American Drug Manufacturers Association will be held this year in Chicago at the Palmer house, it was announced January 20, by Carson P. Frailey, executive vice-president of the association. The tentative date for the meeting is May 3 and 4, but this may be changed to have the meetings start May 2.

Brown Confirmed As OPA Administrator

OPD Washington Bureau

Nomination by President Roosevelt of former Senator Prentice Brown of Michigan as Price Administrator, succeeding Leon Henderson, resigned, was confirmed by the senate January

Prentiss Brown

18. Mr. Brown was expected to take over the reins of price control administration immediately.

As price administrator, Mr. Brown's chief duties will be that of establishing ceilings on prices under the provisions of the Price Control Act and the Second Price Control Act passed by congress last October, and he will also be charged with admin-

—Continued on page 56

72d—OPD—Year

Retail Drug Buying Syndicates Urged

OPD Washington Bureau

Revision of the antitrust laws to permit two or more retailers to bargain collectively with the suppliers of their products on prices and terms of sale was urged before the Senate Small Business Investigating Committee by Rowland Jones, jr., Washington representative of the National Association of Retail Druggists.

Unless some such action is taken, together with other remedial steps which will eliminate the advantages now being enjoyed by the chains and large mail order houses in obtaining supplies, the postwar period will find the large buyers completely dominant in the field of distribution, he warned.

Mr. Jones told the committee that government agencies have been too quick to reach the conclusion that widespread mortality in the field of retail distribution is inevitable because of the war. This defeatest attitude is a dangerous development that must be eliminated from official thinking, he

—Continued on page 50

Alkali Cross-Haul Elimination Zones Tentatively Outlined

OPD Washington Bureau

First of a series of orders dividing the country into zones wherein alkali producers will be permitted to make deliveries is being completed by the transportation section of the WPB Chemicals Division to eliminate cross-hauling in this branch of the chemical industry. Representatives of the alkali producers met with officials of the division January 21 to go over some of the problems thought likely will arise after the ban goes into effect.

As tentatively drawn, the order covers only the movement of caustic soda in tankcars and tank trucks, but officials also are looking in the direction of instituting similar cross-hauling controls over soda ash and possibly phenol, sulphuric acid and other products moving across the country in large volume. Effective date of the order is still to be fixed but the dates of February 15 or March 1 are being prominently discussed.

The way the order is being set up the country would be marked off into zones—possibly as many as eight—and producers would be allowed to make deliveries only within the limits of these zones. Any orders they might have or obtain from buyers in another zone would be serviced by a producer in that zone under a reciprocal arrangement made with the producer originally receiving the order.

The order will be flexible enough, however, to make exceptions to this rule where this is advisable. For example, a producer whose plant might be located along a river which happens to mark the line of the zone who received an order to make delivery across the river probably could, by an appeal to the WPB, receive permission to make the delivery.

Purpose of the plan is to conserve tankcars and tank trucks in the chemical industry. There are approximately 140,000 tankcars in the country of which 70,000 are in use by the chemical industry for movement of chemicals and vegetable oils. This number is just about the minimum by which the industry can get by with, officials reported, in view of the expanding output of chemicals and conservation of the use of these cars has thus become of the greatest importance.

Legal sanction for operation of the zoning plan was provided in "Transportation Request No. 1" of Donald M. Nelson, chairman of the WPB, reported in the *OPD* January 18. The chairman's order paved the way for the producers and distributors of some 38 chemicals and vegetable oils to pool their orders without fear of being held in violation of the antitrust laws.

72d—OPD—Year

Gasoline Tankcar Delivery to East Banned

OPD Washington Bureau

The Petroleum Administration for War has banned tankcar delivery of gasoline to the East coast. Object of Petroleum Administrative Order No. 5 is to make more tankcars available for the delivery of fuel oil from the Midwest and Southwest to the East Coast shortage area. The order does not affect the shipment of gasoline to the East coast by pipeline, barge, truck, or other means.

Tankcars now enroute to the seventeen East coast States and the District of Columbia with motor fuel may complete deliveries.

The order provides that if anyone considers that compliance with the order will work an exceptional or unreasonable hardship upon him, he may appeal for relief to the PAW. All appeals, which must be filed in quadruplicate, must be addressed to the Director of Petroleum Supply, Petroleum Administration for War, South Interior Building, Washington, D. C. Ref: PAO 5.

Reid Promoted Again In War Board Setup

OPD Washington Bureau

Appointment of Dr. Ernest W. Reid, Pittsburgh, as Deputy Director General for Industry Divisions, succeeding

Dr. Ernest W. Reid

Curtis E. Calder, was announced January 20 by the War Production Board.

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72d—OPD—Year

WPB Names Calder To Succeed Kanzler

Curtis E. Calder has been made Director General for Operations of the War Production Board. He succeeds Ernest Kanzler, whose resignation was caused by ill health. Mr. Calder, who is president of the American & Foreign Power Company, came to WPB in November as Assistant Deputy Director General for Industry Divisions.

Born in Winfield, Kansas, in 1890, Curtis Ernest Calder began his business career after the death of his father in 1906. Seven years later he was secretary on the Texas Power & Light Company and was president of that corporation from 1921 to 1927. At the same time he was an officer of several other southwestern utility companies. Mr. Calder moved to New

—Continued on page 61

72d—OPD—Year

Molasses Tankcar Differentials Established

OPD Washington Bureau

Established differentials from tankcar prices for each type of cane blackstrap and beet sugar final molasses must be maintained for sales in quantities of less than a tank car, the Office of Price Administration has announced.

Specific provision that each seller shall maintain the differentials in effect from August 1, 1941, to March 31, 1942, for each type of molasses as well as for each type and size of container on sales to the same class of purchaser is contained in amendment No. 90 to supplementary regulation No. 14 under the General Maximum Price Regulation. The amendment was effective January 25.

OPD Price Index

The Oil, Paint and Drug Reporter's relative record of prices for chemicals and related materials is currently as follows:—

Jan. 22, 1943	Jan. 15, 1943	Jan. 23, 1942
136.0	136.1	143.4

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Price changes in the markets for chemicals and related materials last week were neither numerous nor variously distributed among the several categories. Most of them had to do with aromatic materials, dry and wet; a few important botanical drugs were affected. The changes as a whole added a little to the substantial drops which the two categories have had since a year ago.

Henderson Submits Final Report

OPD Washington Bureau

Leon Henderson, retiring Price Administrator, sent to Congress January 20 his final report covering operations of the Office of Price Administration for the quarter ended October 31, 1942. The report asserts that profits in a number of industries "are unquestionably excessive" and discloses that studies are under way to make appropriate amendments to pertinent price regulations to the extent that "the prices in these industries are inequitable to buyers and are inconsistent with the spirit and underlying principle of the economic stabilization program."

Analysis of a sample of 1,324 large corporations shows that the average percent returns on net sales rose from 8.1 percent in 1939 to 10.3 percent in 1940 and 13.5 percent in 1941. Companies producing aircraft and parts, for example, nearly doubled, rising from 13.5 percent in 1939 to 26 percent in 1941. Return on net sales of the industry groups analyzed follows: —Chemicals, 27.1 percent return on net sales in 1941 against 24.6 in 1940 and 21.5 in 1939; petroleum, 13.9 percent in 1941 against 9.7 in 1940 and 8.3 in 1939.

72d—OPD—Year

Bids Wanted

Belladonna Leaf:—Quantity, Procurement Division, Veterans Administration, Washington, D. C.; invitation 187, openings January 25.

Fertilizer:—20 tons mixed. Supply Officer, Veterans Administration Facility, Chillicothe, Ohio; invitation 43-231, openings January 27.

Saccharin:—Quantity soluble, Procurement Division, Veterans Administration, Washington, D. C.; invitation 187, openings January 25.

Sewer Cleaner:—400 pounds. Purchasing Agent, District Government, Washington, D. C.; schedule 3682, openings January 27.

Soap:—800 pounds grit, 10,000 cakes white floating toilet, U. S. Engineer Office, Philadelphia; quotation 697-43-Neg-282, openings January 25.

Sodium Sulphite:—400 pounds. Purchasing Agent, District Government, Washington, D. C.; schedule 3682, openings January 27.

72d—OPD—Year

Linseed Oil Higher

Linseed oil was advanced two points by one crusher late Friday to 13.2c. to 13.4c. per pound in tankcars. The purchase of an additional 200,000 bushels of Argentine flaxseed was reported for lend-lease shipment to Great Britain, making a total of 1,000,000 bushels in eight days at an average price of 307 shillings per metric ton, Rosario basis.

72d—OPD—Year

Publicker Co. Contract With DPC Increased

OPD Washington Bureau

Secretary of Commerce Jesse Jones has announced that Defense Plant Corporation has authorized:—

Execution of a contract with National Distillers Products Corporation for the construction and equipment of a plant in Missouri at a cost of approximately $2,000,000. National Distillers Products Corporation will operate this plant, title remaining in Defense Plant Corporation.

Contents of This Issue

WPB curtailment of print paper use by periodical publishers obliges OPD to make some changes in the appearance of its pages and in the amount of space devoted to single items of news and information. When further details are desired, a request to the OPD office will bring such assistance as is possible. The fundamental market services of OPD will be maintained as long as any paper can be got.

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Dyestuffs, Pigments Use Curtailed

OPD Washington Bureau

In an action whose effects will be felt in the textile, leather, paper, paint, printing ink, lacquer, plastics, rubber and other industries, the War Production Board January 22 ordered the sale and purchase of all organic dyestuffs and organic pigments for civilian use cut an average of 40 percent below 1941 figures. The order, an amendment to M-103, is retroactive to January 1, 1943.

Sole exceptions are dyestuffs and organic pigments derived from vegetable sources, inorganic dyes, and organic dyes synthesized or produced from relatively non-critical materials. The order was made necessary by shortages of chemical materials used in extremely important phases of the war program. These include benzene, anilin, toluene, phthalic anhydride, phenols, cresols, xylenols, etc. It is expected that the control program will save approximately 55,000,000 pounds of dyes and raw materials for the war effort.

The order classifies dyestuffs and organic pigments into four groups. Restrictions are imposed on both the sale and purchase of these dyes and with minor exceptions, those restrictions provide that no more dyestuffs and organic pigments may be sold or received during each quarter of this year than 15 percent of the total amount of similar dyes sold or received in 1941, based on 1943 dollar value. The classes are:—

Class A. These include anthraquinone vat dyes appearing on List A of the order. Such dyes cannot be sold for civilian purposes, a prohibition originally included in the order.

Class B. These include all anthraquinone vat dyes not appearing on List A. Sales and deliveries are restricted in each quarter to 15 percent of the 1941 total sales and deliveries of Class A and B dyes. Previously, the limitation had been 17½ percent of 1941.

Class C. Included in this class are all anthraquinone dyes other than anthraquinone vat dyes. The same 40 percent cut in sales and deliveries is imposed, based on sales and deliveries of Class C dyes in 1941. However, deliveries up to $100 in value per quarter are allowed if 15 percent of the total 1943 dollar value of such dyestuffs sold in 1941 is less than this amount.

Class D. These include all dyes and organic pigments not in the other three classes, but excluded are inorganic dyes, organic dyes derived from vegetable sources and those made from non-critical materials. Deliveries cannot exceed $100 in value or 15 percent of the total 1943 dollar value sold in 1941, whichever is higher.

Exports are also controlled by the order, with the provision that Canadian exports are to be included under domestic quotas. During 1943, dyestuff and organic pigments producers can export no more than ¾ of 1 percent of the total 1943 dollar value of dystuffs and organic pigments sold for export in 1941. In addition exports of class A dyes and organic pigments in any one quarter may not exceed ¾ of 1 percent of the 1943 dollar value of class A dyes sold in 1941, while the total amount of class A, B, and C dyes which can be exported cannot exceed 2 percent

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Alcohol From Wheat And Stockpiles Discussed

OPD Washington Bureau

Members of the Industrial Alcohol Industry Advisory Committee discussed production of alcohol from granular wheat flour and storage of alcohol stockpiles at a meeting January 14 in Washington.

In spite of the temporary difficulties in locating storage tanks for stockpile alcohol, committee members agreed that storage capacity will be found or built for the alcohol stockpiles, and that distillers should not now be expected a "vacation" from industrial alcohol production. If at any time the Chemicals Division feels it is possible to grant a vacation, it hopes to be able to give the industry 60 days advance notice.

Greater yields of alcohol result from the use of granular wheat flour than from whole corn or whole wheat, according to a report submitted by the Wheat-Alcohol Research Committee. This committee was organized by the alcohol and solvents section, Chemicals Division, with the Department of Agriculture cooperating.

The report was based on results of experiments conducted by nine companies using wheat flour as a raw material. Use of granular wheat flour yields approximately 5.45 proof gallons of alcohol per 56 pounds of granular wheat flour, as compared with an average yield of approximately 5 proof gallons of alcohol per 56 pounds of whole corn, and approxi-

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72d—OPD—Year

Chemical Salesmen Name Phil LoBue President

Phil J. LoBue, Eastern representative for the Michigan Chemical Company, was installed as president of the Salesmen's Association of the American Chemical Industry at a

Phil J. LoBue

meeting in the Chemists' Club, this city, January 21. Mr. LoBue was named to the presidency of the association by the executive committee following the resignation of Gerald S. Furman, of Merck & Co., who had been elected by mail but was unable to serve because of his new activities in relation to the war effort. Other officers named by the executive committee were:—

Vice-president, Frank Fanning, of Malstrom & Co.; treasurer, Charles Alexander, of L. Sonneborn Sons, Inc., and secretary, James McInnes, of Commercial Solvents Corporation. John A. Chew and Edward S. Burke were elected to the executive committee.

—Continued on page 33

72d—OPD—Year

BEW to Handle Imports Contracts

Henry Wallace, Vice-President, last week announced that, effective February 25, the negotiation, preparation, supervision and administration, both in the United States and abroad, of all existing or future imported materials will be handled by the BEW with the Defense Supplies Corporation, the Metals Reserve Company, the United States Commercials Company and the Defense Plant Corporation carrying out only the paper detail and putting out the money.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

Curtailment of civilian goods production is entering its final phases for, according to WPB Chairman Nelson, the government is beginning to scrape the bottom of the barrel in finding things to cut off, that will provide needed materials. From now on it is a matter of simplification and a rounded-out program is being developed for announcement soon.

As part of the program may be removal of the Office of Civilian Supply from WPB and its establishment as a separate agency where it will be able to function as the consumer advocate. As Mr. Nelson now sees the overall situation the main functions of WPB are:—

1. Increased production and improved distribution of component items needed for production of synthetic rubber, escort vessels, and aviation gasoline.
2. Better distribution of materials.
3. Simplication of civilian goods.
4. Concentration of industry used in making necessary things for the home front.

Fight the War or Feed It

The size of the American army is coming in for considerable discussion among members of Congress and there is much talk that a halt should be called to the induction of more men until the whole situation of manpower needs of industry, agriculture, and the armed forces have been resurveyed.

Most of it has been behind closed doors, but not all. Senator John Bankhead of Alabama, one of the farm bloc leaders, brought it out in the open in a statement to the senate this week, pointing out that, if we are to be he arsenal of democracy, we have to have the men here to run the factories and grow the produce. Let Russia, China, and Britain supply the men and we supply the munitions and food, he says.

His statement is not being tossed off as "more farm bloc propaganda," but is receiving serious thought in other quarters not associated with the bloc. It's a question which the military affairs committees on both sides of the capitol intend to ask the military leaders when they renew their studies of the progress of the war later.

WPB Reformation Hits Top

The top side of WPB has been going through a major reorganization over the past few weeks. Not much has been said about it, but under guidance of Ferdinand Eberstadt it is being whipped into a closely knit organization with the single aim of putting the CMP across—or else. The exodus of top officials from Washington has reached imposing lengths.

First to go was J. S. Knowlson, one-time Director-General for Operation, who was booted upstairs to WPB vice-chairman, whose principal job, after Eberstadt came into the organization, was Nelson's representative on the Combined Resources Board. Ernest Kanzler, who succeeded Knowlson as Director-General for Operations, left when he suddenly found his job was nothing more or less than a fancy title that carried no policy-making authority with it. Lessing J. Rosenwald, one-time boss of Nelson in Sears-Roebuck, left when his conservation division was ordered reorganized along lines not to his liking, and now Lou Holland is replaced as deputy chairman of WPB in charge of the smaller war plants division.

Silver May Be Salvaged

The move on the part of the Treasury, WPB, and several other influential quarters in the government to make the treasury's silver stocks more readily available for war use hasn't been abandoned. It is going to be pressed again in spite of the opposition of the silver bloc.

A subcommittee of the senate committee on banking already has been organized to turn the heat on the silver bloc and work up some kind of a bill that will defrost the government's hoard for war work. It is going to take some time to get the law changed, however, if the warnings of the silver bloc are carried out. Twelve men—that's the size of the senate silver bloc—can talk a long time, and the same filibustering tactics will have to be met in the house.

Dandelion Rubber

The Department of Agriculture reports that over 18,000 pounds of koksaghyz roots, the Russian rubber dandelion, have been harvested from experimental plantings last Summer to see if the plant could be grown successfully in North America. While the growing of the plant is feasible, the rubber yield did not measure up to expectations.

Tests show an average rubber yield from the raw roots of somewhat over one percent, or about 4½ percent of the roots, dry weight, as compared with 6 percent to 8 percent average in the USSR. Experts believe the low yield might be due to the inability of the plants to reach full maturity before harvesting because of a delay of a month or more in planting, so the department is leaving a lot of the roots in the ground for harvesting next year when another test will be made.

The department won't hazard a guess as to when dandelion-rubber tires will be on the market. The project is purely experimental and offers no immediate relief from the rubber shortage, it warns.

Isopropyl Allocating

The chemicals division of WPB has taken another step to eliminate some of the reporting requirements that have been imposed upon industry. Standard chemical forms PD-600 and PD-601 will be used hereafter in allocating isopropyl alcohol. These forms are familiar to the chemical industry and will permit more complete and accurate information regarding end use than did those previously used, which were special forms for this particular product.

Skimmed Milk Demand Big

The purchase program of the Agriculture Marketing Administration for spray-process dried skimmed milk has been changed by officials to provide producers with a continuous market for their output. Hereafter producers with this type of skimmed milk to sell can wire AMA at any time and AMA will buy it—providing, of course the price is reasonable.

Heretofore this milk has been purchased under bids submitted at specified times. Because AMA needs every bit of the milk it can get—largely for lend-lease purposes—this system has not been satisfactory on the whole. By establishing itself as a purchaser of the milk at all times, AMA believes it will be assured of adequate supplies. Manufacturers also will feel more secure because they are assured of a market for their production.

Closed Shop Sophistry

The strike of the anthracite coal miners has some aspects about it which should prove highly important to WLB—and no less to industrial management plagued with labor demands for a "closed shop." For some time now the board, almost without exception, has been applying its maintenance of membership clause whenever requested by a union. As applied to those employees who want to remain in the union, this clause amounts to a closed shop with a check-off of union dues, the theory being that union leaders, armed with this provision, can control and discipline the members.

In arguing for a closed shop, or in accepting maintenance of membership, union spokesmen had said repeatedly that it is necessary for them to have this control over the workers if they are to prevent wildcat strikes. In the anthracite coal mines, where there is an outright closed shop and check-off, it is not working out that way. Un-

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WPB Names Coonley Conservation Div. Head

OPD Washington Bureau

Appointment of Howard Coonley, of New York city, as director of a new Conservation Division of the War Production Board, has been announced.

Mr. Coonley, formerly board chairman of the Walworth Company and a former president of the National Association of Manufacturers has been a Deputy Director of the Conservation Division, which has now been divided into divisions. The new Conservation Division will consist of the three technical branches included in the former Conservation Division.

The branches are conservation and substitution, simplification, and specifications, which, together with four salvage branches, formed the original Conservation Division. The four salvage branches, as previously announced, are now in the Salvage Division under Paul C. Cabot.

Deputy Director of the new Conservation Division will be Harvey A. Anderson, Chicago, who also will con-

Continued on page 56

72d—OPD—Year

Paint Specification T-1279 Modified

OPD Washington Bureau

Tentative specification No. T-1279 covering paints for war use by the Corps of Engineers of the Army has been modified in several particulars in a new tentative specification just issued, T-1279 A.

The specification covers an emulsifiable paint, which, when thinned with water in any proportions up to 1 part paint to 3 parts of water by volume, will give an emulsion of the oil-in-water type. The emulsifiable paint is designed as a field expedient for camouflage by the troupes in the field and is to be used principally for impregnation of fabrics, such as osnaburg and burlap, but is also to be suitable for application on wood and metal.

72d—OPD—Year

Paint Makers Allowed To Use Nonstandard Jars

OPD Washington Bureau

Certain provisions of schedule E of Limitation Order L-103, which standardizes glass paint jars, are relaxed under the schedule as amended by the Director General for Operations. In effect, the amendment permits the continued use of nonstandard jars to relieve hardships on paint and glass manufacturers. The amendment provides the following:—

1. Paint manufacturers may use nonstandard containers produced prior to February 1, and in their hands on or before March 1. Under the Schedule as originally issued on December 7, they could use non-standard containers only if they were produced prior to January 1.
2. After March 31, jars of one-quart or less capacity with an opening larger than 63 mm. may be used only for packaging certain heavy-bodied paints, regardless of the date on which they were manufactured. (Previously, any other use of these jars was prohibited after December 7.)

The heavy-bodied paints not subject to the restriction are:—

(a) Paints which require the addition of more than one pint of thinners (whether oil, varnish, spirits, or water) per gallon to make the paint ready for use. (b) Colors in oil and japan, and tinting colors in paste form.

72d—OPD—Year

Johnson Follows Holland In Small War Plant Corp.

OPD Washington Bureau

Col. Robert Johnson, chief of the New York Ordnance District, has been appointed to replace Lou Holland as chairman of the Smaller War Plants Corporation, the purpose of which government agency is to obtain contracts for smaller factories.

The White House announcement said that Mr. Johnson, who is chairman and president of Johnson & Johnson, surgical dressing manufacturer, New Brunswick, N. J., was being appointed at the request of WPB Chairman Donald M. Nelson. Mr. Johnson also will become a vice-chairman of the WPB Smaller War Plants Division, the operating branch of Small War Plants Corporation.

Pyrethrum Prices On WPB Orders Set

OPD Washington Bureau

Maximum prices for the sale of pyrethrum flowers by an importer acting under War Production Board orders were established January 20 by the Office of Price Administration at the importer's actual cost of obtaining the flowers in the United States plus any transportation costs within this country.

The ceiling established for transactions under WPB orders are contained in amendment 92 to Supplementary Regulation 14 to the General Maximum Price Regulation, effective January 26. Sales which are made without direction by WPB remain under the General Regulation at the highest levels charged in March, 1942, plus specified allowances. The text of the supplement follows:—

(a) The maximum prices established by § 1499.2 of the General Maximum Price Regulation for the commodities, services, and transactions listed below are modified as hereinafter provided:—
(58) Pyrethrum flowers—(1) Maximum price for sale of imported pyre-

—*Continued on page* 54

72d—OPD—Year

Proprietary Drug Group Asks Paper Conservation

OPD Washington Bureau

Recommendations for conserving paper were made by members of the Proprietary Drugs Industry Advisory Committee at a meeting January 14, in Washington. The recommendations were made following detailed discussion of the report of a sub-committee appointed to study conservation measures.

Industry members recommended asking all customers to accept drug products over the counter without additional wrappings other than the cartons the products came in originally. Elimination of all folders other than the one wrapped with the package also was recommended.

Where drugs are packed in cartons using a carton liner between the bottles and the carton, the committee recommended that such packing should not require further liners or partitions. Shipping cases carrying incoming supplies should be used again for outgoing shipments wherever possible, they suggested. Members recommended that "packers," which are used to package cartons of bottled medicines, be made of whatever form of chip board requires the least virgin pulp.

72d—OPD—Year

Agricultural Products For Industry Advocated

OPD Washington Bureau

Representative A. H. Andresen of Minnesota has reintroduced his bill (H.R. 701) which was the subject of hearings last year before the house committee on agriculture to make the chemical industry less dependent upon foreign sources for supplies of vital vegetable oils and other plant products which could be grown in the United States.

The bill carries an annual appropriation of $800,000 to the Department of Agriculture to be expended in cooperation with efforts of the States in conducting surveys both in foreign countries and in the United States of seeds, bulbs and plants which may prove useful for chemical and industrial uses and to replace present surplus agricultural crops.

72d—OPD—Year

Appley Made WMC Executive Director

Lawrence A. Appley, vice-president of Vick Chemical Company, has been appointed executive director of the War Manpower Commission. Under the recently announced reorganization of the War Manpower Commission, the executive director holds complete administrative authority over all phases of the staff services, planning and operations.

Mr. Appley has been with the commission since December 30 when he was appointed as director of the Bureau of Placement. He came to the War Manpower Commission from the War Department where he had served as special assistant to the Secretary of War on civilian personnel.

OPD—1-25-1943

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Plastic Raw Materials Control Tightening Asked

OPD Washington Bureau

The critical situation facing the thermoplastics industry in regard to machinery was discussed by the Thermoplastics Processors Industry Advisory Committee at a meeting in Washington. Members of the industry were advised of the number of requests being received for extrusion and injection molding equipment by Government officials, and that in a large number of cases priorities for new machines could not be recommended because there is available equipment not now engaged in war production.

A possible means of directing available facilities to war production would be through more rigid controls on plastic raw materials, including scrap, members suggested. Another suggestion was a limited rental price for injection and extrusion machines, which would make it possible to subcontract war orders through mandatory acceptance of preference rated orders. A third was to have a clearing house, such as one of the sections in the War Production Board, advised of all available idle equipment.

72d—OPD—Year

Plastic Materials Ass'n Names Rodgers President

James L. Rodgers, president of Plaskon Corporation, this city, has been elected president of the Plastic Materials Manufacturers Association.

James L. Rodgers

He succeeds Arnold E. Pitcher, E. I. du Pont de Nemours & Co., Wilmington. William Theilie, president of Catalin Corporation was elected vice-president and James Walker was renamed secretary-treasurer.

The Plastic Materials Manufacturers Association formed in 19 was an outgrowth of the Cellulose Plastics Manufacturers Association, made up of companies making plastics based on cellulose. This latter group was formed in 1919. The new association includes concerns whose materials are based on urea, phenol derivatives, vinyl resins, casein, acrylics, cellulose and styrene.

72d—OPD—Year

Resin Raw Material Needs Subject to WPB

OPD Washington Bureau

Manufacturers of synthetic resins must apply for raw materials required in the production of phenolic and alkyd resins regardless of the fact that those resins are under allocation, the Chemicals Division of the War Production Board stated January 21.

When a manufacturer of synthetic resins applies to WPB for any one of the raw materials required for a phthalic alkyd resin, such as castor oil or phthalic anhydride, he should fill out form PD-600 in accordance with the manner specified. In column four of the form, the order number governing the resin to be manufactured should be stated. In the case of alkyd resins this would be order M-139. If raw materials for phenolic resins are requested, however, the applicant should list either order M-246 or order M-254 as the case may be.

Chemical Allocations For January Reported

OPD Washington Bureau

The monthly distribution of chemicals for January under the allocation orders of the Chemicals Division of the War Production Board amounted in value to $85,400,000 for the month, of which $56,400,000, or 66 percent, entered directly into identifiable military production. This is an annual rate of $1,024,800,000 for the total, and $676,800,000 for military.

In addition, many derivatives products of the 34 percent not identified as direct military are necessary for the production of military items. The figure $56,400,000 per month is, likewise, exclusive of military purchases of chemical material not under allocation.

The allocated military chemicals are the essential raw materials for the production of all the explosives, propellants, war gases and other chemical combat items; aviation, Naval, Ordnance and Signal Corps insulation; special protective coatings for military vehicles and guns; and special paints for war and merchant ships. In addition, these chemicals include other materials indispensable to the construction of all types of aircraft and ships.

Tabulated below by percentage are the civilian end-uses to which the various chemicals under allocation were allotted. The percentage figures show the relationship between the amount requested and the amount allotted. Where limitation orders govern an end-use, however, the percentage figure indicates the proportion of the permitted usage which received raw material.

For example, a limitation order might reduce the production of a particular item to 50 percent of a base year. With such an item-an-allocation percentage of 30 percent would indicate that chemical raw material was made available to permit the production of 30 percent of the 50 percent.

In other cases the allocation order itself requires the reporting of a base year, in which case the figure represents the proportion of the base year granted. All consumers in the same end-use class received the same percentage grant for use. Because of excessive inventories or other causes not all individual consumers were granted the right to buy new material to the amount indicated.

Acetic Anhydride

Granted in full:—Plastics—acetobutyrate; plastics—acetopropionate; synthetic casein fiber; pharmaceuticals (other than aspirin, acetophenetidin and acetanilid); synthetic vitamins; intermediates and dyes; cation softeners; synthetic flavoring and perfume; and laboratory reagents and research.

Granted in part:—Cellulose acetate yarn (87 percent); cellulose acetate staple fiber (90 percent); cellulose acetate plastics and films (90 percent); aspirin (90 percent); acetanilid (77 percent), and acetophenetidin (59 percent).

Acrylic Resins

Granted in part for dentures. Health supplies division determined the amount which would be adequate for essential civilian dentures. This quantity was allocated in full.

Denied for hearing aids and for tracing cloth coatings.

Acrylonitrile

Allocated entirely to synthetic rubber with the exception of a very small quantity for vitamin B complex.

Ammonia, Anhydrous

Granted in full for activated carbon, for amines, for cellophane, for chemical manufacturing, for drycell batteries, dye intermediates, industrial explosives, film and photographic chemicals, food processing, insecticides, metal treating, nitrous oxide, petroleum, plastics and synthetic resins, rayon manufacture, refrigeration, resale, silica gel catalyst, sulphuric acid, textiles, and water treatment.

Granted in part for nitrocellulose (92 percent).

Ammonia, Aqua

Granted in full for ammonium bifluoride, ammonium chloride, copper sulphate, corrosion control, chemical manufacturing, di- and mono-ammonium phospuhate, dye intermediates, industrial explosives, metal refining, mildewproofing, pharmaceuticals, rayon manufacturing, resale, silica gel, soda ash, sulfric acid, textile finishing, yeast manufacture.

Ammonium Sulphate

Granted in full for agriculture, for alcohol, dyes and pigments, cellulose, fire retarding, insulation, leather tanning, rayon, textiles, and yeast.

Anil'n

Granted in full for rubber chemicals, for drugs, for dyes, for inks, for photographic chemicals, for petroleum chemicals, for plastics, for mining flotation reagent, and for fine chemicals.

Aromatic Petroleum Solvents

Granted in full for industrial, agricultural, and structural equipment, for food, and for utilities.

Denied for cleaning and degreasing, for chemical uses, for textile treating, and for water and windproof clothing.

Arsenic, 99 Percent

(Quarterly Allocation)—Granted in full for pharmaceutical, dyestuffs, and gas purification.

Granted in part for resale (72 percent).

Arsenic, 90-95 Percent

(Quarterly Allocation)—Granted in full for metallurgical purposes.

Granted in part for insecticides (67 percent).

Arsenic, 95-99 Percent

(Quarterly Allocation)—Granted in full for metallurgical purposes.

Granted in part for insecticides (75 percent), wallboard (27 percent), gas purification (21 percent), and pharmaceutical (40 percent).

Ascorbic Acid

Granted in part for civilian medicinal use. Requests were granted 25 percent, adjusted for inventory.

Benzene

Granted in full for nitrobenzene, camphor, monochlorbenzene, dichlorbenzene, medicinals, and rubber chemicals.

Granted in part for anthraquinone (79 percent), diphenyl (78 percent), miscellaneous chemicals (60 percent), trichlorbenzene (54 percent), solvents (25 percent), and aniline (54 percent).

Bleaching Powder

Allocated principally for sanitary purposes, to the extent of 88 percent of requests.

Butadiene

Allocated entirely to synthetic rubber.

Butyl Phthalylbutylglycollate

Granted in full for lacquers. No other use requested.

Caffeine

Granted in full for medicinals.

Requests for caffeine for beverage purposes were granted 33 1/3 percent.

Calcium Carbide

Granted in part (54 percent) for resale. This is estimated to be sufficient for all small lot local users.

Calcium Hypochlorite, High Test

Granted in full for sugar refining. Other requests, principally for water purification, were granted to the extent of 32 percent.

Capryl Alcohol

Denied except for the manufacture of dicapryl phthalate and use in oil additives, which were allowed in full.

Carbon Black, Furnace Type

Allocated only for the compounding of rubber.

Denied for ceramics, paints, and inks, where other carbon blacks of the channel or lampblack type can be used. Shell reclaim and briquettes are unsuited for pigment purposes but can be used in the steel industry. They are allocated to that industry alone.

Castor Oil

For protective coatings allocated only for insulation finish, and innerlinings for food containers. In these uses requests were granted 50 percent if tung oil could be substituted. In all other instances in these uses, requests were granted in full.

Granted in full for industrial tape, adhesives for food packages, hydraulic fluid, dielectrics, and hospital supplies.

Granted in part for gaskets and brake linings (75 percent); shoes (30 percent—to be used only for quarter linings, bindings, innersole, and uppers); lubricants and metal working oils (50 percent); medicinals (50 percent); mimeograph ink (40 percent); inks for ribbons and carbon paper (50 percent); boiler feed water treating compound (50 percent); and petroleum treating compound (90 percent).

Denied for rainwear, for health supplies for others than hospitals, for household use, books, upholstery, cosmetics, and plasticizer for miscellaneous purposes.

—*Continued on page* 37

Chemical Fertilizer To War Crops First

OPD Washington Bureau

An order giving essential war food and fiber crops first priority on the nation's limited supply of chemical fertilizers was issued January 19 by Secretary of Agriculture Claude R. Wickard under his authority as War Food Administrator.

Effective January 18, 1943, this order (food production order No. 5—chemical fertilizer) supersedes the War Production Board order No. M-231, originally issued September 12, 1942, and amended on December 4, 1942. It will be administered by the Director of Food Production, M. Clifford Townsend.

Outstanding changes in the new order are the designation of crops deemed essential to the war effort as group "A" crops and the requirement that deliveries of chemical fertilizers for use on these crops be given preference over deliveries for other crops. The purpose of these provisions is to concentrate use of chemical nitrogen allowed for fertilizer on the production of foods, feed and fiber most needed in the war effort.

Two other important changes are the establishment of methods by which fertilizer requirements of farmers are to be determined, and a requirement that fertilizer manufacturers, dealers and agents obtain written statements from their customers before making deliveries.

Prohibitions on the use of chemical fertilizers contained in the War Production Board order are continued in effect, with a few exceptions. The grade substitution program instituted by WPB, with the objective of reducing consumption of chemical nitrogen in mixed fertilizers by approximately 20 percent, also is retained in the new order, but with some revision. Manufacturers are required to produce the approved 1942-43 grades in the same proportion as the 1940-41 grades. The grades approved for each state represent the formulas which, in the opinion of agricultural authorities for that state, will supply minimum plant food requirements.

Producers of group "A" crops are permitted by the order to obtain the necessary tonnage of approved grades of fertilizers required to attain 1943 production goals. The order does not permit them to obtain or use supplies in excess of their requirements.

Producers of group "B" crops may use chemical nitrogen fertilizer pro-

—*Continued on page* 59

72d—OPD—Year

Tires for Industrial Power Trucks Allocated

The sale and delivery of new tires for industrial power trucks have been placed under WPB control by Supplementary Order No. M-15-g, issued by the Director General for Operations. The order provides that no rubber tires for industrial power trucks shall be delivered for replacement purposes except to fill purchase orders rated A-1-a or higher on PD-1A certificates. War orders are exempted from the restrictions, as are orders for tires for new vehicles, with the provision that no vehicle manufacturer may have an inventory in excess of his requirements for thirty days.

72d—OPD—Year

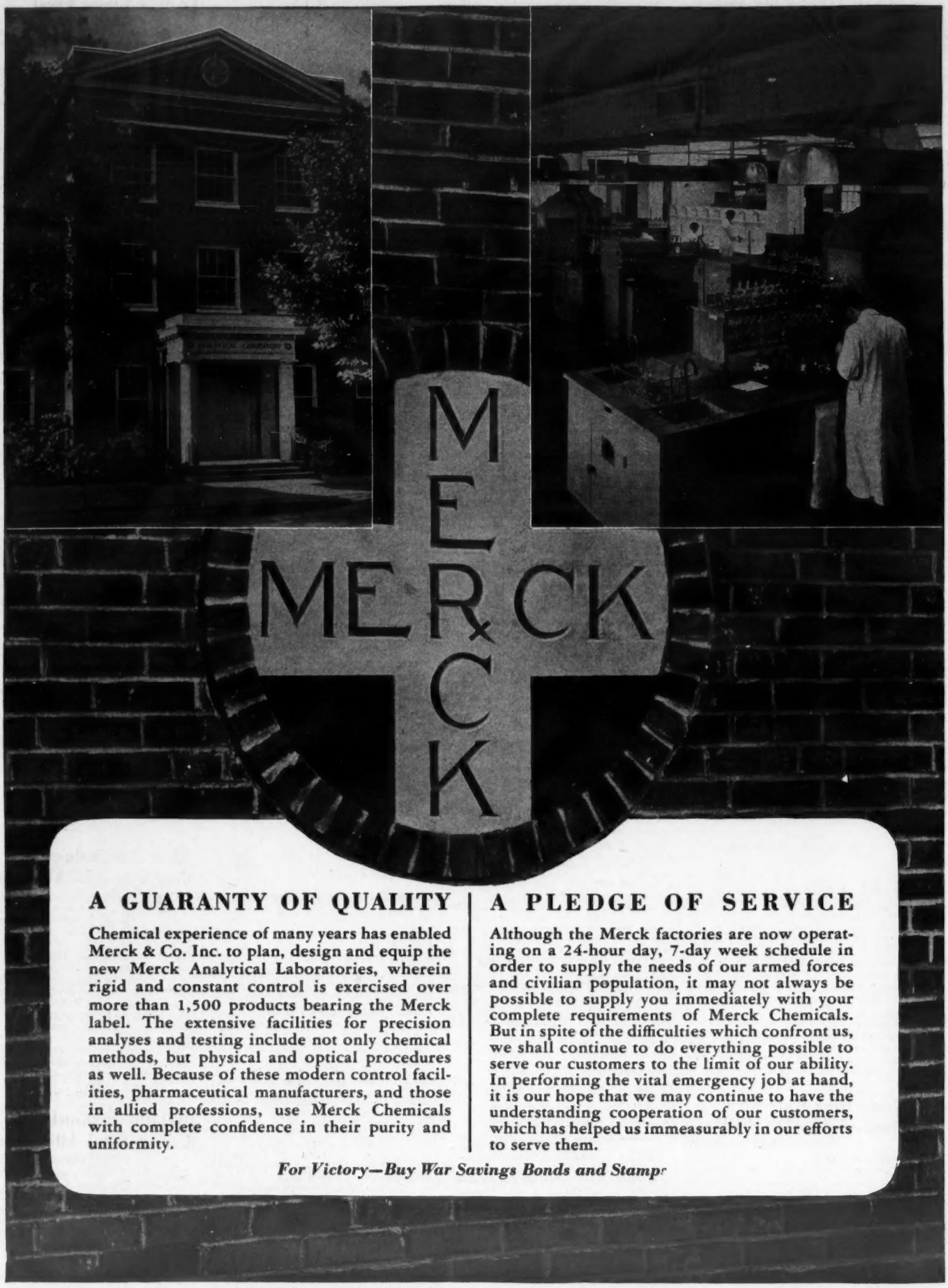
Metallic Bismuth Put Under Total Allocation

OPD Washington Bureau

Metallic bismuth was put under complete allocation and use control by Conservation Order M-276, issued by the Director General for Operations. Effective February 1, the order provides that no person may deliver, accept delivery of, or use any metallic bismuth without specific authorization by WPB. Exceptions to delivery restrictions are deliveries to Metals Reserve company, deliveries to other producers, to a distributor, if he does not have an excessive inventory, and deliveries to a person whose total receipts during that month total less than 50 pounds.

Use of bismuth in consumers' inventories is likewise controlled, and not more than 50 pounds per month may be used from such inventories without specific authorization by WPB.

OPD—1-25-1943



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Current Market Quotations Chemicals and Related Materials

January 22, 1943

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, arabic).

Acetaldehyde, 99%, dms., 55 and 110 gls., works..lb. .11 - —
5 anl 10 gls., works.....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100-lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
500-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —

Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls., 2,000-lb. lots, lb. .36 - —
smaller lots.....lb. .37 - —
dms., 25-lb. lots.....lb. .42 - —
kgs., 2,000-lb. lots.....lb. .37 - —
smaller lots.....lb. .38 - —
powd., bbls., 2,000-lb. lots..lb. .34 - —
smaller lots.....lb. .35 - —
dms., 25-lb. lots.....lb. .40 - —
kgs., 2,000-lb. lots.....lb. .35 - —

Acetoacetanilide, bbls., fib. dms., 75-lb. lots..lb. .49 - —
smaller lots.....lb. .67 - —

Acetone, CP,[1] dms., c.l., divd. E.* lb. .08¾- —
l.c.l., divd.....lb. .09 - —
tanks, divd.....lb. .07 - —

* OPA ceiling for Eastern territory (the State of New Mexico, Colorado, Wyoming, Montana and all States east thereof); ceilings ½c. per lb. higher for Western territory (all other States of the United States).

Acetonitrile, dms., c.l., works..lb. .75 - —
10-dm. lots, same basis....lb. .90 - —
5-dm. lots, same basis....lb. 1.00 - —
5-gal. lots, same basis....lb. 1.25 - —
less than 5-gal. lots, same basis..lb. 1.50 - —

Methyl (see M).

Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
dms., 50 lbs.....lb. 1.08 - —
25 lbs.....lb. 1.10 - —

Acetophenone, cns., dms.....lb. 1.55 - 1.60

Acetyl chloride, cbys., works..lb. .60 - —

Acid, abietic, dms., c.l., f.o.b. all points in U. S. E. of and including Kans., Neb., N. D., Okla., S.D., Tex. E. of Austin and Brownsville..lb. .08¾- —

Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 3.38 - 3.63
cbys., cs.....100 lbs. 3.88 - 4.13
56%, bbls.....100 lbs. 5.58 - 5.83
cbys., cs.....100 lbs. 6.08 - 6.58
70%, bbls.....100 lbs. 6.68 - 6.93
cbys., cs.....100 lbs. 7.18 - 7.43
80%, bbls.....100 lbs. 7.47 - 7.72
cbys., cs.....100 lbs. 7.97 - 8.12
glacial, nat., CP, cbys.100 lbs.13.50 -13.75
99.5%, bbls.....100 lbs. 9.15 - 9.40
cbys. .....100 lbs. 9.65 - 9.90
tanks, works.....100 lbs. 6.93 - —
USP, cbys.....100 lbs.11.70 - —
synth., CP, dms., works.....100 lbs.12.50 -13.50
99.5%, bbls., works.100 lbs. 9.15 - 9.40
cbys., works.....100 lbs. 9.65 - 9.90
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.25 - 6.93
USP XII, dms., works.....100 lbs.10.50 -11.00
pure, 30%, bbls....100 lbs. 4.44 - 4.69
cbys., cs.....100 lbs. 4.94 - 5.19
56%, bbls.....100 lbs. 4.86 - 5.11
cbys., cs.....100 lbs. 5.36 - 5.61
60%, bbls.....100 lbs. 7.60 - 7.85
cbys., cs.....100 lbs. 8.10 - 8.35
80%, bbls.....100 lbs. 9.26 - 9.51
cbys., cs.....100 lbs. 9.76 -10.01

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply delivered within the Metropolitan zones unless otherwise indicated in the above prices.

Acetic, anhydride,[4] dms., c.l., frt. alld..lb. .11½- —
l.c.l., dms., frt. alld.....lb. .13 - —

Acetylsalicylic,[1] producers, primary jobbers, special, USP, 200-lb. bbls., f.o.b. shipment points*..lb. .45 - —
100-lb. kgs., same basis, lb. .45 - —
25-lb. dms., same basis, lb. .46 - —
5-lb. ctns., same basis, lb. .59 - —
†1-lb. ctns., same basis, lb. .61 - —
Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
100-lb. kgs., same basis, lb. .40 - —
25-lb. dms., same basis, lb. .41 - —
5-lb. ctns., same basis, lb. .54 - —
†1-lb. ctns., same basis, lb. .56 - —

* Freight equaled, shipment identical quantity, over standard routes, from N. Y. City, Phila., Midland, Mich.; Chicago, and St. Louis.
† 3c. per lb. may be added for acid packaged in canisters, and 8c. per lb. when packaged in 1-lb. bots.

Adipic, fib. dms., works....lb. .31 - —

Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —

Arsenous[6] tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .20 - .22

Ascorbic,[1,6] bots., dms.....lb. 1.00 - 1.07

Acid, battery, cbys., c.l., E. works..100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —

USP, bbls., 4,000 lbs. or more, lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59

dms., 4,000 lbs. or more...lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60

Boric,[3] tech., 99.5%, cryst. (same as prices for powder).
gran., bgs., c.l., frt. alld. ton.99.00 - —
tun lots, ex whse....ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld....ton.109.00 - —
ton lots, ex whse....ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld. ton.104.00 - —
ton lots, ex whse....ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld...ton.114.00 - —
ton lots, ex whse....ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $25 per ton higher.

Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —

Broenner's, bbls.....lb. 1.11 - —

Cacodylic, 5-lb. bots.....lb.22.00 - —

Camphoric, cns.....lb. 6.95 - 7.00

Capric, dms.....lb. .21½ Nom.

Capyrlic, dms.....lb. .27 - .27½

Castor oil,[5] split, dms.....lb. .20¾- .21¼

Chlorosulphonic, dms., c.l., wks. lb. .03 - —
5-drum lots, works.....lb. .03½- —
single drums.....lb. .04½- —
tanks, works.....lb. .02½- —

Chromic,[2,3] 99¾-99¾%, dms., c.l., divd. N. Y..lb. .16¼- —
l.c.l., 5 tons, divd. N. Y., lb. .16¾- —
smaller quantities, divd. N.Y..lb. .17¼- .18¼

Cinnamic, refd., bots.....lb. 3.50 Nom.

Citric,[1] cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb. lots, one ship. lb. .20½- —
200-10,000 lbs. lb. .21 - —
100 lbs., dms., or kgs..lb. .21½- —
50 lbs., dms., or ctns..lb. .23 - —
25 lbs., dms., or ctns..lb. .24 - —
5 lbs., in 5-lb. cont...lb. .29 - —
anhyd., gran., dms., c.l..lb. .22½- —
10,000 lbs., one shipment. lb. .23 - —
smaller lots .....lb. .23½- .26½

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N.Y., Chicago and St. Louis deliveries are ½c. higher than N.Y.

Cleve's, bbls.....lb. .65 - —
Coconut oil,[5] dist., dms.....lb. .18½ Nom.
Cottonseed oil,[5] dist., dms...lb. .14 - .14½
tanks .....lb. .13½- —
Cresylic (coaltar),[6] high-boil 50% (210°-215°), dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis.gal. .83 - —
tanks .....gal. .75 - —
special blends (50%, 210°-215°), dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
low-boil (50%, 204°-206°), dms., c.l., works, frt. equald.gal. .81 - —
l.c.l., same basis...gal. .83 - —
tanks .....gal. .75 - —
special blends (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis..gal. .83 - —
tanks .....gal. .75 - —

Diethylbarbituric (see Barbital).

Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l., 25 cbys. and over, lb. .11 - —
1-24 cbys. .....lb. .11¼- —

Fumaric, tech., special, bbls., ton lots..lb. .27 - —
smaller lots, bbls., dms..lb. .28 - .31

Gallic, NF VII, bbls., 200 lbs., 5 or more..lb. 1.27 - —
less than 5.....lb. 1.30 - —
fib. dms., 25 lbs.....lb. 1.34 - —
technical, bbls.....lb. 1.06 - 1.13

Gamma, bbls. .....lb. .85 - —

Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb. kgs.....lb. .15 - —
25 or 50-lb. demij.....lb. .21 - .25
5-lb. bots. .....lb. .20 - —

H, bbls. .....lb. .45 - —

Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots. .....lb. 2.57 - —
57%, bots. .....lb. 2.90 - —

Hydrobromic, dilute, 10%, cbys., lb. .20 - —
concentrated, 34%, cbys....lb. .35 - —

Hydrochloric (see Muriatic),

Hydrocyanic, cyls., works...lb. .80 - 1.00

Hydrofluoric, 30%, lead cbys., frt. alld..lb. .09 - —
rubber dms., same basis..lb. .08 - —
wooden bbls., same basis..lb. .06 - —
48%, lead cbys., same basis..lb. .12 - —
rubber dms., same basis..lb. .11 - —
52%, lead cbys., same basis..lb. .13 - —
rubber dms., same basis..lb. .12 - —

Acid, hydrofluoric, 60%, lead cbys., same basis..lb. .14 - .16½
rubber dms., same basis..lb. .13 - .16¼
steel dms., same basis...lb. .13 - —

Hydrofluosilicic, 30 - 35%, 420 lbs., bbls..lb. .08 - .09

Hypophosphorous, USP, 30%, djns..lb. .75 - .80

Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13½- —
80%, bbls., cbys., 5 or more, lb. .24¼- —
1 to 4.....lb. .24¾- —
plastic grade, bbls., cbys., 20 or more..lb. .14¼- —
5 to 10 cbys.....lb. .14¾- —
1 to 4 cbys.....lb. .15¼- —
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.....100 lbs. 6.30 - —
l.c.l., bbls., works.....100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.20 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.....100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55

Lauric, dist., tech, dms.....lb. .20 Nom.

Laurent's, bbls.....lb. .45 - —

Linseed oil,[5] light, dms.....lb. .19 - .19½

Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —

Malic, powd., kgs.....lb. .47 - —

Mandelic, dms., 1,000 lbs....lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30

Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .008- .009

Molybdic, kgs., works .....lb. .95 - 1.10

Monochloroacetic, tech., bbls.lb. .17 - —
purified, bbls.....lb. .20 - —

Monosulphonic, bbls.....lb. 1.50 - —

Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works...100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works...100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works....100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works...100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
CP, dealer, cbys.....lb. .06¼- —
6-lb. bots.....lb. .17¼- —
consumers, cbys.....lb. .06 - —
6-lb. bots.....lb. .19 - —

Myristic, dist., dms.....lb. .19 - .19½

Naphthenic,[2] 220 - 230 acidity, dms., c.l., works..lb. .13 - .14
l.c.l., works.....lb. .13 - .15
tanks, works.....lb. .10 - .13
235-245 acidity, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .15 - —
tanks, c.l., works.....lb. .13 - —

Nicotinic, 1,000-lb. lots, fib. dms., lb. 5.00 - —
100-lb. fib. dms.....lb. 5.15 - —
50-lb. fib. dms.....lb. 5.25 - —
25-lb. fib. dms.....lb. 5.50 - —
5-lb. tins.....lb. 5.46 - —
1-lb. bots.....lb. 5.50 - —

Nicotinic, amide (see Nicotinamide).

Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western, works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works, 100 lbs. 5.75 - —
10 to 24, works...100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works..... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works, 100 lbs. 6.25 - —
10 to 24, works...100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works..... 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.95 - —
1 to 9, works...100 lbs. 7.45 - —
CP, USP, dealers, cbys....lb. .11½- —
7-lb. bots.....lb. .21¼- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .22 - —

Oleic (see Oil, red).

Oleum (see Sulphuric fuming).

Oxalic,[1] dom., bbls., c.l., works, lb. .11¼- —
10,000 lbs. or over.....lb. .11¼- —
smaller quantities...lb. .12½- —

Palm oil,[5] white dist., dms...lb. .13 - .13½
tanks .....lb. .12½- —

Paraminobenzoic, cns.....lb. 1.40 - —

Paranitrobenzoic, cns.....lb. .72 - —

Phenylacetic, bots.....lb. 1.85 - 1.90

Phosphoric, pure food grade, 50%, c.l., bbls., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald.. 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9, cbys. works, frt. alld..100 lbs. 6.25 - 7.25
pure food grade, tankwagon, dlvd. N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, c.l., bbls., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald.. 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50

Acid, phosphoric, 75%, tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagons, dlvd. N. Y., Phila., Met. area..100 lbs. 4.75 - —
USP, 180-lb. cbys., c.l.....lb. .10¾- —
10 cbys., to c.l.....lb. .11¼- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10¼- —
25 cbys., to c.l.....lb. .11¼- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07 - .07½

Picramic, kgs.....lb. .65 - .70

Picric, bbls.....lb. .35 - —

Propionic, synth., pure, 55-gal. dms., returnable, works..lb. .15 - —
tanks, works.....lb. .14 - —

Pyrogallic, tech., lump, powd., bbls..lb. 1.45 - —
cns. .....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65

Pyroligneous, bbls., dlvd. E.gal. .25 - —

Ricinoleic, com'l, split (see Acid, castor oil, split).
tech., dms., works.....lb. .32 - .37

Salicylic[1], tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40

Sebacic, tech., bbls., works..lb. .65 - .69

Soybean oil,[5] dist., dms.....lb. .17¾- .18½

Stearic,[5] double pressed, bgs., dlvd..lb. .14 - .15
single pressed, bgs., dlvd..lb. .13½- .14½
triple pressed, bgs., dlvd..lb. .17 - .18

Succinic, bbls.....lb. .75 - —

Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —

Sulphuric,[6] 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E., works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys....lb. .06¼- —
9-lb. bots.....lb. .15¼- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .17 - —
fuming, 20%, tanks, E. works. ton.19.50 - —

Tannic,[6] tech., bbls., dms..lb. .71 - .73
USP, fluffy, bbls., 1,000-lb. lots..lb. 1.33 - —
100-lb. lots .....lb. 1.35 - —
25-lb. lots .....lb. 1.38 - —
powd., bbls., 1,000 lbs....lb. 1.13 - —
smaller lots .....lb. 1.15 - —

Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipt..lb. .70½- —
smaller quantities.....lb. .71 - —
kgs. .....lb. .71½- —

Tobias, bbls.....lb. .55 - .60

Trichloroacetic, bots.....lb. 2.00 - 2.50

Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —

Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.55 - 1.60

Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —

Acrylonitrile,[6] dms., frt. alld..lb. .29¼- —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works..lb. .40½- —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —

Adeps lanae,[1] USP, anhyd., dms. lb. .30 - .33
hyd., dms.....lb. .29 - .32

Agar,[6] Kobe, No. 1, strip....lb. 3.50 - —
dom., f.o.b. San Diego, Cal..lb. 3.00 - —

Agaric, white, bls.....lb. 3.75 - 4.00

Albumen, blood, dom., dms., f.o.b. Chicago..lb. .65 - .70
soluble, dried, c.l., same basis..lb. .13½- —
bg. lots, same basis.....lb. .15 - .20
imported, bgs.....No prices

Egg, ed., dom., cryst., bbls..lb. 1.75 - 1.78
powd., dom., bbls.....lb. 1.81 - 1.86
tech., cryst., bbls.....lb. 1.60 - 1.65
import, cs.....lb. No prices

Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
tertiary, refd., dms., l.c.l., frt. alld. E. of Miss. R..lb. .09 - —

Benzyl, cns.....lb. .65 - .75
dms. .....lb. .63 - —

Butyl, normal,[1,6] dms., c.l., frt. alld., *East..lb. .11¾- .15¼
l.c.l., frt. alld.....lb. .12¼- .15¾
tanks, frt. alld.....lb. .10¾- .14¼

* The term 'Eastern' territory means the States of New Mexico, Colorado, Wyoming, Montana and all States east thereof, and the term 'Western' territory means all other States of the United States.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same terms.....lb. .096 - —
tanks, same terms.....lb. .08¼- —
tertiary, denaturing, c.l., dms., lb. .12¼- —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —

Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs.....lb. 1.90 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Price Ceiling
[2]—Price Suggestion or Agreement
[3]—Full Priority Control
[4]—Industry Control
[5]—General Limitation Order
[6]—Allocation

Alcohol, cinnamic, bots.....lb. 3.00 - 3.60
Denatured,[4,5,6] CD14, dms., c.l., dlvd. E...gal. .65 - —
l.c.l., dlvd., dms.....gal. .70 - —
CD14, tanks, E., dlvd.....lb. .58 - —

Prices for territories other than E. of Rockies are 5c. per gal. less than Eastern works quotations. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .64 - —
19 bbls., E. works...gal. .66 - —
1 to 18 bbls., E. works, gal. .69 - —
*dms., c.l., E. works..gal. .56½ - —
19 dms., E. works...gal. .58½ - —
1-18 dms., E. works.gal. .61½ - —
tanks, E. works.....gal. .53 - —

* Prices are dms., extra. Deposit, $5 per dm., returnable for full credit.

Anhydrous 3c. per gal. higher.
SD2B, bbls., c.l., works, E... gal. .61 - —
19 bbls., works, E...gal. .63 - —
1 to 18 bbls., works, E. gal. .66 - —
*dms., c.l., E. works..gal. .53½ - —
19 dms., E. works...gal. .55½ - —
1-18 dms., E. works.gal. .58½ - —
tanks, E. works.....gal. .50 - —

* Prices are dms., extra. Deposit, $5 per dm., returnable for full credit.

CD23G (Replaced by SD23H), SD28H, works, c.l., bbls.gal. .64½ - —
19 bbls.....gal. .66½ - —
1 to 18 bbls.....gal. .69½ - —
*dms., c.l.c., works...gal. .57 - —
19 dms., E. works...gal. .59 - —
1-18 dms., E. works.gal. .62 - —
tanks, E. works.....gal. .58½ - —

*Prices are dms. extra. Deposit, $5 per dm. Returnable for full credit.

SD29, denatured with acetaldehyde, bbls., c.l., E. works..gal. .62 - —
l.c.l., 19 or more, E. works..gal. .63½ - —
1 to 18, E. works....gal. .66½ - —
*dms., c.l., E. works...gal. .54½ - —
19 dms., E. works...gal. .56 - —
1-18 dms., E. works.gal. .61 - —
Tanks, E. works.....gal. .51 - —

*Prices are dms. extra. Deposit, $5 per dm. Returnable for full credit.

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, gal. .61 - —
20 dms., to c.l.....gal. .63 - —
1 to 9 dms.....gal. .66 - —
tanks, E. works.....gal. .54 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., dlvd..lb. .11¼ - .14¼
l.c.l., dlvd.....lb. .11¾ - .15
tanks, dlvd.....lb. .10¼ - .13½
tech., dms., c.l., dlvd.....lb. .11 - .13½
l.c.l., dlvd.....lb. .11¼ - .14
tanks, dlvd.....lb. .10 - .13½

Ethyl, 190 pf., ex. molasses, dms., c.l..gal.11.99 - —
19 dms.....gal.12.02½ - —
5 to 18 dms.....gal.12.05½ - —
1 to 4 dms.....gal.12.06¼ - —
tanks .....gal.11.92 - —
absolute, dms., c.l.....gal.12.64 - —
5 to 18 dms.....gal.12.70¼ - —
1 to 4 dms.....gal.12.70¼ - —

Ethyl alcohol in bbls. 4c. higher than dms. Grain alcohol 10c. per gallon more than the above prices on molasses alcohol.

Ethylhexl, dms., c.l., works..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .22½ - —
l.c.l., 500 lbs. and more, works..lb. .25 - .35
tanks, wks.....lb. .20 - —
Isoamyl (see Carbinol Isobutyl).
Isobutyl, refd., dms., works..lb. .0680 - —
tanks, same basis.....lb. .0760 - —
Isopropyl,[2,6] refd., 91%, dms., 5 gals., f.o.b. dest..gal. .06½ - —
55 gals., c.l., same basis, gal. .39 - —
l.c.l., same basis...gal. .42½ - —
tanks, frt. alld.....gal. .34 - —
99%, dms., 5 gals., same basis..gal. .65 - —
55 gals., c.l., same basis, gal. .44 - —
l.c.l., same basis...gal. .47 - —
tanks, same basis.....gal. .37½ - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.10 - 2.50
Polyvinyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls..lb. .65 - —
less than 2,000 lbs.....lb. .70 - —
type B, fiber-pack, 2,000 lbs. and over, same basis..lb. .60 - —
less than 2,000 lbs.....lb. .65 - —
Propyl, normal, dms., works, gal. .67 - .70
Octyl (see Ethylhexyl alcohol).
Tetrahydrofurfuryl, dms., contract, 5,000 lbs., f.o.b. Waverly, N. Y..lb. .44 - —
475-lb. lots, same basis...lb. .50 - —
car lots, wks.....lb. .40 - —
cns., f.o.b. Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .72
Aldol, 55 and 110-gal. dms., c.l., works..lb. .12 - —
l.c.l., works.....lb. .13 - —
5-10-gal. dms., works...lb. .15 - —
Alstrin root, bgs.....lb. .70 - .85
Algin, fib. dms.....lb. 1.00 - 1.25
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. 1.75 - 1.80
Allspice,[1] Mexican, bgs.....lb. .23 - .23½
Alpha tocopherol, ampules, per gram. 1.00 - 1.50
Aloe, Cape, cs.....lb. .15 - .16
Curacao, cs.....lb. .70 - .75
Socotrine, kgs.....lb. .58 - .60
Aloin, 140-lb. bbls.....lb. 5.45 - —
100-lb. kgs.....lb. 5.47 - —
25-lb. fib. dms.....lb. 5.54 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, whole, bbls.....lb. .68 - 1.35
Alum, ammonia,[6] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
Alum, ammonia, powd., bbls., works..100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point, dlvd., N.C. price apply to truck or ex warehouse.

Potash, gran., bbls., works.... 100 lbs. 4.25 - —
dlvd., N. Y., Phila..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phila..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd. N. Y., Phila....100 lbs. 4.65 - —
Potash alum prices on same basis as those for ammonia alum.
Chrome, bbls.....lb. .12½ - .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, solut., basic 24%, c.l., bbls., 10 or over, dlvd., lb. .10½ - —
1 to 9, dlvd.....lb. .11 - —
normal, solut., 20%, bbls., l.c.l., 10 or over, dlvd..lb. .09½ - —
1 to 9, dlvd.....lb. .10 - —
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .08 - —
12,100 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 375 lbs., works..lb. .11 - —
100 lbs. or less, works..lb. .12 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½ - .06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾ - —
l.c.l., works.....lb. .03¼ - —
Fluoride, bbls.....lb. .35 - .40
Hydrate,[6] heavy, bbls., c.l., works..lb. .0340 - —
l.c.l., bbls., works....lb. .04 - —
bgs., c.l., works.....lb. .1310 - —
light, 50-lb. bgs., dlvd.....lb. .14½ - —
50-lb. bbls., dlvd.....lb. .15 - —
Oleate, dms., contract.....lb. .24½ - —
Palmitate, precip., bbls.....lb. .25 - .26
Resinate, precip., dms.....lb. .15½ - —
Stearate, precip., bbls., ctns., c.l...lb. .23 - —
l.c.l.....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equaled..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works....100 lbs. 1.55 - 1.45
l.c.l., works, frt. equald., 100 lbs. 1.60 - 1.70
iron free, bgs., c.l., works, 100 lbs. 1.75 - 1.85
l.c.l., works.....100 lbs. 2.00 - 2.10
bbls., c.l., works....100 lbs. 1.95 - 2.05
l.c.l., works.....100 lbs. 2.20 - 2.80
98-99%,[2,3,6] c.l.....lb. .15 - —
l.c.l.....lb. .16 - —
Aluminum paste,[6] lining, extra fine, 200-lb. dms.....lb. .56 - .60
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .58 - —
powder,[6] lining, extra, fine, 150-lb. dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
rubber compound, 200-lb. dm, lb. .40 - —
unpolished, standard, 250-lb. dm..lb. .36 - —
varnish, standard, 300-lb. dm., lb. .40 - —

Aluminum powder, and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. per lb. for 5-lb. or smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz.17.00 -18.00
Aminomethylpropanol, dms., wks., lb. .50 - —
5 and 10-gal. cans, works..lb. .60 - —
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.25 - —
Ammonia,[6] anhydrous, fertiliser, f.o.b. Belle, W. Va., frt. equal with Hopewell, Va...ton.90.00 - —
refrigeration, tanks, works..lb. .05 - —
pure, cycls., dlvd., Met., N.Y., lb. .18 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05¼ - —
dms, c.l.....lb. .02¾ - —
l.c.l.....lb. .02½ - —
tanks (on NH_3 content) f.o.b. works..lb. .04 - —
Benzoate, USP, dms., kgs., 4,000 lbs. or more..lb. 1.06 - —
1,000 lbs. to 3,900 lbs.....lb. 1.07 - —
900 lbs. or less.....lb. 1.10 - —
Bicarbonate, dms., dlvd., Met., N. Y..lb. .0564 - .0614
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .16 - .18
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .31 - .33
bxs.....lb. .34 - .36
kgs.....lb. .32 - .34
Ammonia, carbonate, lump, dms., dlvd. Met. N. Y..lb. .06¼ - .09¼
cns., same basis.....lb. .14¼ - —
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .10 - —
100-lb. kgs.....lb. .13 - —
Citrate, 250-lb. bbls.....lb. .75 - —
100-lb. dms.....lb. .80 - —
50-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .84 - .85
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see ammonia, aqua).
Hypophosphite, dms.....lb. 1.25 - 1.27
jars.....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 5.71 - —
jars.....lb. 5.65 - —
Linoleate, 80%, anhyd., bbls..lb. .12 - —
Molybdate, kgs., works.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, neutral, powd., bbls., kgs..lb. .23 - .29
Perchlorate, kgs.....lb. .55 - .65
Persulphate, kgs., dom.....lb. .25½ - .28½
Phosphate, dibasic, NF V, bls., lb. .37 - —
kgs.....lb. .39 - —
tech., bbls., c.l.....lb. .07¼ - —
l.c.l.....lb. .08¾ - .09¼
Ammonia, phosphate, monobasic, crude (fert. grade), 11% N., 48% phos., bulk, f.o.b. E. works..unit-ton. No prices
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½ - —
l.c.l.....lb. .08¾ - .09¼
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous.....lb. .24½ - —
paste.....lb. .06½ - —
Sulphamate, 6 bbls., or more, works..lb. .18 - —
2 to 5 bbls., works.....lb. .20 - —
single bbls., works.....lb. .24 - —
smaller lots, works.....lb. .29 - —
Sulphate,[1] dom., bulk, f.o.b. cars at any one of 45 inland producing ovens..ton.28.20 - —
f.o.b. cars at any one of 21 Atlantic Coast ports, ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .07½ - —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½ - —
red, 48%, cbys., works.....lb. .03 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .03 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, dms.....lb. .45 - .55
tech., kgs.....lb. .40 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., works..100 lbs. 5.50 - 5.75
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .13 - .18
l.c.l., dlvd.....lb. .12½ - .17½
tanks, dlvd.....lb. .11½ - .16
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15¼ - —
l.c.l., same basis.....lb. .16¼ - —
tanks, same basis.....lb. .14½ - —
Alcohol (see Alcohol, amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½ - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .08¼ - —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .81 - —
Salicylate, 5-lb. bots.....lb. 1.25 - 1.50
Stearate, dms., l.c.l., works..lb. .32¼ - —
Amylene, dms., c.l., works....lb. .10¼ - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalenes, dms., l.c.l., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, bots.....lb. 2.35 - 2.40
cans.....lb. 2.25 - 2.30
Angelica root, dom., bls.....lb. .35 - 1.25
import, natural, bls.....lb. 3.25 - —
Angostura, bark, bls.....lb. .22 - .23
Aniilin oil,[6] dms.....lb. .15 - —
l.c.l.....lb. .16 - —
tanks.....lb. .12½ - —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .34 - .35
Ecuador, bgs.....lb. .33 - .34
Mexican, fair, bgs.....lb. .30 - .31
Spanish, bgs.....lb. .33½ - .39
Star.....lb. .45 - .48
Syrian, bgs.....lb. .27½ - .28
Turkish, bgs.....lb. .34½ - .35
Anisic aldehyde, bots.....lb. 3.25 - 3.35
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06 - .06½
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[2,6] bulk, c.l., works...lb. .14½ - —
Needle, brown, Bolivian, 67%, lb. .15½ - —
Chinese, black, 70%.....lb. .20 - .22
Oxide,[6] bgs., c.l.....lb. .15 - —
l.c.l.....lb. .15½ - —
Salt, 65%, bbls., dlvd. E. of Miss. River..lb. .40 - —
Sulphide, 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½ - —
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Archil extract, bbls.....lb. .26 - —
Areca nuts, powd., bbls.....lb. .25 - .26
Arecoline, hydrobromide, bots., oz.11.25 -11.50
Argols, test 70% to 85% basis, 100%, 100 kgm. purity, f.o.b. Spanish ports..100 kilos.105.00 - —
Argentine, f.o.b. N. Y.....kilo.122.00 -134.00
Arnica flowers, bls.....lb. 2.65 - 2.70
Root, bls.....lb. 1.00 - 1.25
Arrowroot, St. Vincent, powd., bgs..lb. .09¼ - .10
bbls.....lb. .10 - .10½
Arsenic,[6] metal, lump, c.l.....lb. No prices
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots..lb. 5.58 - —
jars.....lb. 5.42 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
Trisulphide, l.c.l., works....lb. .30 - .35
White, powd., kgs., c.l.....lb. .04 - —
l.c.l.....lb. .04¾ - —
Asafetida, cs.....lb. .55 - .60
powd., cs.....lb. .80 - .85
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l (20 tons). Canad. mines, ton.49.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.44.00 - —
6D, bgs., c.l. (20 tons, Canad. mines..ton.33.00 - —
7D, bgs., c.l. (20 tons), Canad. mines..ton.28.50 - —
7F, bgs., c.l. (20 tons, Canad. mines..ton.26.50 - —
7H, bgs., c.l. (20 tons), Canad. mines..ton.22.50 - —
7K, bgs., c.l. (20 tons), Canad. mines..ton.19.00 - —
7M, bgs., c.l. (20 tons), Canad. mines..ton.16.50 - —
7R, bgs., c.l. (20 tons), Canad. mines..ton.15.50 - —
Asphaltum, Manjak No. 10, crude, f.o.b. plant..lb. .05¼ - .12
process form, bgs., f.o.b. plant..lb. .05¾ - .12
jet, bgs., 2,000 lbs., gross weight lots, bgs., f.o.b. Colorado shipping point.. ton.30.00 - —
Barbadoes, any quantity, f.o.b. Dunellen, N. J...lb. .10¼ - —
California, dms., c.l., f.o.b. N.Y., ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.40.00 - —
Asphaltum, Cuban A, bgs., c.l., f.o.b. N. Y..ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b: N.Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, selects, 340 F, fusing point, bgs., gross weight, f.o.b. western shipping points....ton.32.90 - —
seconds, 370-390 F. fusing point, not uniform, same basis.....ton.25.50 - —
brilliant, selects, 290-295 F. fusing point, same basis. ton.30.50 - —
270 F. fusing point, same basis.....ton.30.50 - —
seconds, 300-350 F. fusing point, not uniform, same basis.....ton.25.50 - —
jet, 2,000 lbs. gross weight lots, bgs., f.o.b. Colorado shipping point..ton.30.50 - —
Mexican, Texas, dms., c.l., refinery..ton.21.00 - —
l.c.l., refinery.....ton.21.00 -23.00
tanks, refinery.....ton.16.00 - —
Atropine, bots.....oz.24.50 - —
Sulphate, bots.....oz.18.75 - —

B

Balm of Gilead buds, bgs.....lb. .70 - .80
Barbasco root (see cube root).
Barberry bark, bgs.....lb. .75 - .80
Tree bark, bls.....lb. No stocks
Barbital, cs., dms.....lb. 3.50 - 3.60
sodium, cs.....lb. 3.75 - —
Barium carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.42.00 - —
precip., bgs., c.l., works..ton.55.00 - —
l.c.l., works.....ton.60.00 - —
bbls., c.l., works.....ton.60.00 - —
l.c.l., works.....ton.65.00 - —
sulphur-free, c.l., works..ton.60.00 - —
l.c.l., works.....ton.65.00 - —
Chlorate,[6] kgs.....lb. .26 - —
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., dom., cryst., Zone 1, bgs., c.l. dlvd..lb.77.00 - —
l.c.l., dlvd.....lb.77.00 - —
bbls., c.l., dlvd.....lb.79.00 - —
l.c.l., dlvd.....lb.92.00 - —
Zone 2, bgs., c.l., dlvd..lb.81.00 - —
l.c.l., dlvd.....lb.94.00 - —
bbls., c.l., dlvd.....lb.82.00 - —
l.c.l., dlvd.....lb.96.00 - —
Zone 3, bgs., c.l., dlvd..lb.87.00 - —
l.c.l., dlvd.....lb.100.00 - —
bbls., c.l., dlvd.....lb.80.00 - —
l.c.l., dlvd.....lb.102.00 - —
Zone 4, bgs., c.l., dlvd..lb.83.00 - —
l.c.l., dlvd.....lb.97.50 - —
bbls., c.l., dlvd.....lb.88.00 - —
l.c.l., dlvd.....lb.99.50 - —

Barium chloride, technical, zones are as follows: Zone 1, New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Ill., Wis., Ky., and principal cities on west bank of Miss. R., north of Miss., north of Ark., line.

Zone 2, Tenn., No. and So. Carolina, Ga., Ala., Miss., and Fla. Zone 3, Minn., Ia., Mo., Col., N. Mex., Idaho, Utah and Ariz. Zone 4, Wash., Ore., Calif., and Nev.

Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.77 - —
jars.....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .11 - .12
Oxide, ungrd., dms., c.l., works, lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns. (50 lbs. each), ton and carload lots..lb. .31 - —
less than ton lots.....lb. .32 - —
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½ - .10
kgs.....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse, N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis, ton.25.35 - —
l.c.l., same basis.....ton.26.85 - —
ex whse, N. Y.....ton.34.00 - —
Southern off color, bgs., mines..ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
ore, bulk, mines.....ton.8.00 - —
German .....ton. No prices
Italian .....ton. No prices
Bauxite,[6] bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, bbls.....gal. 1.40 - 1.50
Bayberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. 1.60 - 1.65
Root, bls.....lb. 1.20 - 1.25
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works... ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .45 - .55
NF VII, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[2,6] 90%, dms., returnable, works..gal. .20 - —
tankcars, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .22 - .24
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 Nom.
dms.....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., dms..lb. 2.50 - —
Chloride, cbys., frt. equald...lb. .22 - .24
Cinnamate, cns.....lb. 5.50 Nom.
Formate, cns.....lb. 3.50 - 3.75
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 4.00 - —
Salicylate, bots.....lb. 2.50 - —
Benzylidineacetone, bots.....lb. 3.00 - 3.25
Berberine bisulphate, cns.....lb.22.50 -38.50
Hydrochloride, cns.....lb.22.50 -38.50
Sulphate, cns.....lb.22.50 -38.50
Berberis root, bls.....lb. .13 - .14
Betanaphthol, sublim., kgs....lb. .85 - —
tech., bbls., c.l., works....lb. .22 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .32 - .35

Bismuth chloride, 5-lb. bots...lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP, VIII, 5-lb. bots..
lb. 2.86 - —
jars .....lb. 2.75 - —
Hydroxide, 5-lb. bots.....lb. 3.46 - —
cns .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., 5-lb. bots....lb. 1.45 - —
cns .....lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.19 - —
cns., kgs. .....lb. 3.10 - —
Subbenzoate, 5-lb. bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, bots., cns...lb. 1.59 - 1.63
175-lb. bbls. .....lb. 1.50 - —
X-ray, 5-lb. bots.....lb. 2.79 - —
fib dms.....lb. 2.73 - —
Subgallate, bots., cns.....lb. 1.49 - 1.53
fib. dms. .....lb. 1.40 - —
Subiodide, bots.....lb. 4.24 - —
fib. dms.....lb. 4.13 - —
Subnitrate, powd., bots., cns.lb. 1.29 - 1.33
250-lb. bbls. .....lb. 1.20 - —
Subsalicylate, 60-66%, bots...lb. 2.59 - —
bbls., fib. dms.....lb. 2.50 - —
Sulphocarbolate, 5-lb. bots...lb. 3.76 - —
fib. dms. .....lb. 3.65 - —
Trioxide, powd., 5-lb. bots...lb. 3.76 - —
cns .....lb. 3.65 - —
Bismuth ammonia, citrate, USP,
powd., 25-lb. dms..lb. 3.40 - —
5-lb. cns.....lb. 3.45 - 3.50
Black,[2] acetylene, imp., c.l.,
works, duty paid..lb. .14 - —
Bone, 1A, c.l.....lb. .17 - —
l.c.l. .....lb. .17½- —
2, c.l. .....lb. .13 - —
l.c.l. .....lb. .13½- —
3, c.l. .....lb. .12 - —
l.c.l. .....lb. .12½- —
4, c.l. .....lb. .11 - —
l.c.l. .....lb. .11½- —
5, c.l. .....lb. .08½- —
l.c.l. .....lb. .09 - —
6, c.l. .....lb. .08½- —
l.c.l. .....lb. .09 - —
7, c.l. .....lb. .11½- —
l.c.l. .....lb. .12 - —
8, c.l. .....lb. .12½- —
l.c.l. .....lb. .13 - —
Bone black prices are for barrels or bags, freight allowed East. Pacific Coast prices are 1½c. per lb. higher, ex dock or ex whse.
Carbon, regular, uncompressed,
bgs., c.l., f.o.b. plants..lb. .03625- —
l.c.l., bgs. or cartons, f.o.b.
whse..lb. .08 - —
dlvd. .....lb. .08 - —
beads, compressed, bgs., c.l.,
f.o.b. plants..lb. .03550- —
l.c.l., bgs. or cartons, f.o.b.
whse..lb. .07½- —
dlvd. .....lb. .07½- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls.,
l.c.l., works..lb. .08½- —
Lamp, dom., 1, ctns., c.l.,
works..lb. .07½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works .....lb. .17½- —
5, ctns., c.l., works.....lb. .18½- —
l.c.l., works .....lb. .20 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .40 - —
Mineral, vine type, bbls., l.c.l.,
f.o.b. works..lb. .0434- —
Vine, A, bbls., works or N. Y.
lb. .04½- .05
B, bbls., works or N. Y...lb. .05¾- —
kegs, f.o.b. N. Y. .....lb. .06 - —
dms., c.l., frt. alld.....lb. .09½ Nom.
Black dyes are listed under Dyes.
Black Haw root bark, bls....lb. .39 - .40
Tree bark, bls.....lb. .20 - .21
Black Indian hemp root, bls..lb. .20 - .26
Blanc fixe, dry, by-product, bgs.,
c.l., works..ton.60.00 - —
l.c.l., works .....lb.67.50 - —
direct process, bgs., c.l., f.o.b.
Huntington, W. Va...ton.70 - —
bbls. .....ton.75.00 - —
l.c.l., same basis.....ton.75.00 - —
bbls., same basis....ton.80.00 - —
pulp, 65%, bbls., c.l., works,
ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[2,6] dms., c.l.,
works..100 lbs. 2.50 - 3.10
l.c.l., works.....100 lbs. 2.75 - 3.60
Blood, dried, dom., 16-16½% am-
mon., bgs., f.o.b. N. Y.,
unit-ton. 4.95 - —
high-grade, unground, 16-
17% ammon., bulk, f.o.b.
Chicago..unit-ton. 5.38 - —
import, bgs., c.i.f. ports,
shipt..unit-ton. Nominal
soluble (see Albumen, blood).
Bloodroot, bls.....lb. .35 - .36
Blue,[2] alkali, toner, bbls., dlvd.
N. of Tenn. and N. C. E. of
Miss. River, including St.
Paul, Minneapolis, Daven-
port, Rock Island, St. Louis,
lb. .85 - .90
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, con-
tracts..lb. .86 - —
Celestial, bbls. .....lb. .10 - .12
Chinese, bbls., same basis, con-
tracts..lb. .96 - —
Cobalt,[6] genuine, 1-kilo pkg.lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, bbls.,
f.o.b. works, frt. alld. 3.30 - 3.75
Milori, bbls., same basis, con-
tracts..lb. .36 - —
Molybdated, Victoria, same
basis, contracts..lb. 3.15 - —
Peacock, same basis, contracts,
lb. .52 - —
Potash, dms., bbls., same
basis, contracts..lb. .42 - —
Prussian, bbls., same basis,
contracts..lb. .36 - —
Tungstated, peacock, kgs....lb. 4.00 - —
Victoria, kgs.....lb. 3.30 - —
Methyl violet, kgs.....lb. 2.10 - —
Ultramarine, dry or pulp, cobalt
grades, bbls., works, frt.
equald..lb. .23 - .27
jobbing grades, bbls., same
basis..lb. .12 - .13
regular grades, bbls., same
basis..lb. .17 - .27
Blue, ultramarine, dlvd. ex whse., is 1c. higher; Pac. Coast, ex whse., 2c. higher, 100-lb. bgs., 1c. above bbls.; 28-lb. boxes, 5c. above bbls.
Victoria, ink toner, bbls., same
basis alkali toner..lb. 1.83 - —
synthetic vehicle, bbls., same
basis..lb. 1.93 - —

Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .20 - .30
Blue mass, USP, cns., tubs....lb. 1.67 - 1.84
powd., bots., cns., dms.....lb. 1.70 - 1.84
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, dom., industrial,
f.o.b. Chicago..ton.37.50 -65.00
junk, same basis.....ton.31.00 - —
imported, South American
campo and consumo..ton. No prices.
meal, raw, dom., 4½% ammon.,
50% phos., bgs., f.o.b. East-
ern works..ton.37.50 - —
same basis, Chicago.....ton.39.50 - —
steamed, domestic, feeding
grade, 1% ammon., 60%
phos., bags, f.o.b. Eastern
works..ton.47.00 - —
same basis, Chicago.....ton.51.00 - —
fertilizer grade, 3% ammon.,
50% phos., bags, f.o.b.
Eastern works..ton.37.50 - —
same basis, Chicago.....ton.35.00 -36.00
Phosphate, precip. (see Calcium phosphate tribasic precip.).
Boneset beans, bls.....lb. .12 - .13
Borage flowers, bls.....lb. .40 - .95
Borax,[2] tech., 99½% gran., bulk,
c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld.....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less than ton lots, ex
whse..ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse.....ton.66.00 - —
less ton lots, at whse..ton.71.00 - —
powd., bgs., c.l., frt. alld.ton.50.00 - —
ton lots, ex whse.....ton.61.00 - —
less than ton lots, ex
whse..ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse.....ton.71.00 - —
less than ton lots, ex
whse..ton.66.00 - —
USP $15 per ton higher.

Bordeaux mixture dms., c.l.,
dealers..lb. .11 - —
l.c.l., dealers, dms...lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest., in lots of 96 lbs. and over, no trucking or freight allowance for works or warehouse pickups.
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs.,
frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, 100-lb. lots,
bots..lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10
lbs..lb. .60 - .65
moulding, cns., dms., over
10 lbs..lb. .80 - 1.00
printing ink, cns., dms.,
over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10
lbs..lb. .45 - .50
Broomtops, bls. .....lb. .15 - .18
Brown,[2] iron oxide, pure, precip.,
cks., f.o.b. N.Y..lb. .12 - —
Metallic, iron oxide, bbls., wks.
lb. .02½- —
paper bgs., c.l., works....lb. .0235- —
Sap, crystals, dom., works...lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls.,
f.o.b. works..lb. .03¾- .05
Italian, Amer. replacement
type, bbls., f.o.b. works.lb. .08¾- .10¾
raw, American, bbls., f.o.b.
works..lb. .04 - .10
Italian, Amer. replacement
type, bbls., f.o.b. works,
lb. .08 - .10

Brown, umber, Amer., bbls.,
works..lb. .03¾- —
Italian type, Amer. replace-
ment, bbls., works..lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b.
Boston, Bethlehem, Easton,
Pa., N. Af..lb. .04¾- —
St. Louis, Chicago, In-
dianapolis, New Or-
leans..lb. .05¼- —
Kansas City..lb. .05¾- —
Minneapolis..lb. .0535- —
Pittsburgh..lb. .05 - —
ex car, Los Angeles.lb. .05¾- —
Portland, San Francis-
co, Seattle..lb. .05½- —
ex whse., Los Angeles.lb. .05¾- —
Portland, San Francis-
co, Seattle..lb. .05¾- —
Vandyke, regular, bbls., l.c.l.,
works..lb. .09 - —
special .....lb. .12 - —
Brucine, 100 oz. cns.....oz. .35 - —
Sulphate, 100 oz., cns.....oz. .30 - —
Byronia root, bls.....lb. .85 - .90
Buchu leaves, bls.....lb. .80 - .82
Buckthorn bark, true, bls....lb. .65 - .87
cut and sifted, bbls....lb. .85 - .97
Berries, bgs. .....lb. .85 - .90
Burdock root, bls.....lb. .37 - .38
Burgundy pitch, dom., dms....lb. .06 - —
Butane,[1] industrial grade, tanks,
f.o.b. Group 3...gal. .03 - .03½
Butternut bark, bls.....lb. .08 - .09
Butyl acetate,[1] norm., dms., c.l.,
frt. alld..lb. .1240- .1575
l.c.l., frt. alld.....lb. .1225- .1675
tanks, frt. alld.....lb. .1115- .1475
secondary, dms., c.l., frt. pd.
E. of Miss. R...lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Alcohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works .....lb. .16½- —
tanks, works.....lb. .14½- —

FOR VICTORY ★ BUY U. S. WAR BONDS AND STAMPS

COLUMBIA CHEMICALS

For victory!

Victory—complete victory, at the earliest possible moment! Nothing short of that will satisfy American Industry.

That's why the tempo of industrial production has increased so rapidly. That's why new production records are so commonplace today they scarcely merit a moment's attention. That's why supplies and equipment for our armed forces are pouring out of our factories in a veritable deluge—a deluge which will inevitably overwhelm our enemies.

In this war production program, Columbia Chemicals are playing a vitally important role, helping to increase production, helping to make sure that finished products will provide the dependable performance so necessary in all types of war equipment.

If the pressure of expanded wartime schedules has created a production problem in your plant, involving the use of chemicals such as those listed here, why not let us discuss it with you on the chance that we might be able to make a suggestion or two which will be of benefit.

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SODA ASH · CAUSTIC SODA · SODIUM BICARBONATE · LIQUID CHLORINE · SILENE* · CALCIUM CHLORIDE
SODA BRIQUETTES · MODIFIED SODAS · CAUSTIC ASH · PHOSFLAKE · CALCENE** · CALCIUM HYPOCHLORITE

*Precipitated Calcium Silicate **Precipitated Calcium Carbonate

PITTSBURGH PLATE GLASS COMPANY
COLUMBIA CHEMICAL DIVISION
GRANT BUILDING · PITTSBURGH, PA.

CHICAGO · BOSTON · ST. LOUIS · PITTSBURGH · NEW YORK · CINCINNATI · CLEVELAND · PHILADELPHIA · MINNEAPOLIS · CHARLOTTE

Butyl, carbinol, secondary, l.c.l., dms., works..lb. .60 - —
Chloride, normal dms., c.l., works..lb. .32 - —
l.c.l., works..lb. .35 - —
Ether (see under Ether).
Lactate, dms. ..lb. .26½- —
Laurate, dms., works..lb. .42 - —
Myristate, dms., works..lb. .41 - —
Oleate, ref'd, dms., works..lb. .35 - —
tech., dms., works..lb. .29 - —
Phenylacetate, dms. ..lb. 2.00 - 2.25
Phthalate,[6] dms., frt. alld. E. of St. Louis..lb. .20½- .21½
Propionate, dms., dlvd..lb. .16½- .17
tanks ..lb. .15½- —
Stearate, dms. ..lb. .31 - —
Butyric ether, botsgal. 6.50 - 6.95
cns., works ..lb. .65 - .70
dms., frt. alld. Met. N.Y..lb. .60 - —

C

Cadmium bromide, 25-lb. jars, 50 lbs. or more..lb. 1.65 - 1.66
single jars ..lb. 1.70 - —
5-lb. bots. ..lb. 1.84 - 1.91
Iodide, 5-lb. bots..lb. 4.23 - —
25-lb. cans ..lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,4] pat., shapes, cs., dlvd..lb. .95 - —
Ingots or sticks..lb. .90 - —
Red (see Red).
Selenide (see Red).
Sulphite (see Yellow).
Caffeine,[4] 10,000 lbs. or more, dms., containing 100 lbs..lb. 2.60 - —
dms., containing 25 lbs....lb. 2.63 - —
dms., containing 10 lbs....lb. 2.65 - —
2,000 lb. lots, dms., containing 100 lbs..lb. 2.63 - —
Caffeine, 2,000-lb. lots, dms., containing 25 lbs..lb. 2.68 - —
cns., containing 10 lbs.....lb. 2.70 - —
1,000 lb. lots, dms., containing 100 lbs..lb. 2.70 - —
dms., containing 25 lbs....lb. 2.73 - —
cns., containing 10 lbs....lb. 2.75 - —
100 lb. lots, dms., containing 100 lbs..lb. 2.80 - —
dms., containing 25 lbs....lb. 2.83 - —
cns., containing 10 lbs....lb. 2.85 - —
less than 100 lbs., cns., containing 10 lbs..lb. 3.15 - —
Citrated, bots. ..lb. 2.30 - —
Hydrobromide, bots. ..lb. 5.29 - 5.37
Calabar beans, bgs..lb. .35 - .40
Calamus root, peeled, NF, cs., lb. No stocks
bleached, bls. ..lb. No stocks
dom., natural, bls..lb. .30 - .45
Calcium acetate, bgs., dlvd.... 100 lbs. 3.00 - 4.00
lbs. 3.00 - 4.00
Arsenate,[6] bgs., c.l.....lb. .07 - .08
l.c.l. ..lb. .07½- .08½
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowances for paint or whse. pick-up.
Bromide, 100 lbs., works, frt. equald..lb. .65 - —
50 lbs., works..lb. .67 - —
25 lbs., works..lb. .70 - —
Carbide,[5] dms., c.l., dlvl..... 100 lbs. 4.75 - —
l.c.l., f.o.b. warehouse..... 100 lbs. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, paper bgs., 77-80%, c.l., dlvd..ton.18.50 -35.00
l.c.l., 15 tons, dlvd..ton.21.50 -25.50
5-ton lots.....ton.28.50 -41.00
liquor, basis 40%, tanks, wks., ton. 7.50 - —
Calcium, chloride, solid, dom., 73-75%, dms., c.l., dlvd..ton.18.00 -31.50
15 tons, dlvd.....ton.21.45 -25.45
5-ton lots .....ton.28.45 -40.95
Calcium chloride c.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags, and drums $3.50 per ton over paper bags.
CP, cryst., 100-lb. lots, bbls., jars..lb. .28 - —
smaller lots, bbls., jars bots. lb. .29 - .89
Gluconate, USP, gran., 150-lb. bbls..lb. .52 - —
dms., 1..lb. .57 - .59
cns., ..lb. .70 - —
Powd., 2c. per lb. lower.
Glycerophosphate, fib. dms., 1,000-lb. lots..lb. 1.28 - —
100-lb. lots ..lb. 1.40 - —
cns., 25 lbs..lb. 1.65 - —
Hypophosphite, cns. ..lb. .62 - .65
Iodide, bots., jars..lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .27 - .28
Mandelate, dense, dms.....lb. 2.05 - 2.30
fluffy, dms. ..lb. 2.05 - 2.30
Palmitate, bbls. ..lb. .28 - .29
Pantothenate, dex., 100-gram bots..per gram. .50 - —
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.i.f. Atlantic ports, shipt.unit-ton. No prices.
feeding grade, bgs., f.o.b. works..ton.75.00 - —
food grade, f.o.b. works, 10 bbls. or over..lb. .07 - .07¾
5 to 9 bbls., same basis, lb. .08 - .09
1 to 4 bbls., same basis, lb. .10 - —
medicinal, bbls. ..lb. .11½- .12
dms. ..lb. .12½- .18
Phosphate, monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
5 tons and over, bgs., same basis..lb. .06 - —
less than 5 tons, same basis..lb. .06½- —
tribasic, bbls., c.l., works..lb. .0635- —
l.c.l. ..lb. .0705- .0785
Resinate, precip., bbls., ton lots, lb. .15 - —
smaller lots..lb. .16 - —
Stearate, precip., c.l. .....lb. .25 - —
ton lots ..lb. .26 - —
less than ton lots..lb. .27 - .28
Sulphate (see Gypsum).
Sulphide, 70% CaS, bgs., c.l., works..ton.46.00 - —
50% CaS, bgs., c.l., works.ton.51.00 - —
luminous, dom., tins, works, 100 lbs. 1.25 - —
Sulphocarbolate, 1,000-lb. lots, 200-lb. bbls..lb. .49 - —
Calendula flowers, bls.....lb. 3.25 - 3.30
Calomel,[3] bbls., fib. dms., kgs., 50 lbs. or more..lb. 2.95 - —
Camphor, natural, powd., cs...lb. .95 Nom.
slabs, cs..lb. .95 Nom.
tablets, tins..lb. 1.25 Nom.
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .59½- —
10 bbls. (1,500 lbs.).....lb. .42 - —
5 to 9 bbls..lb. .42½- —
1 to 4 bbls..lb. .43½- —
25 lbs. to 149 lbs.....lb. .45½- —
1 lb. to 24 lbs..lb. .52½- —
USP, gran., powd., or more, bbls., 2,000-lb. lots..lb. .66½- —
1,000-lb. lots..lb. .67½- —
smaller lots..lb. .68½- —
tablets, 2,000-lb. lots....lb. .79½- —
1,000-lb. lots..lb. .80½- —
smaller lots..lb. .81½- —
Monobromate, bulk, 100-lb. lots, lb. 3.10 - —
25 to 50-lb. lots..lb. 3.20 - 3.25
Canada balsam (see Fir, balsam).
Canary seed,[1] Argentine, bgs..lb. .10¼- .10¾
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. 2.25 - 2.30
powd., bxs..lb. 2.45 - 2.50
Russian, cs..lb. 6.00 - 6.25
powd., bxs..lb. 6.25 - 6.50
Capsicum (see Pepper, red).
Caraway seed,[1] Dutch, bgs....lb. 1.08 - 1.12
Morocco, bgs..lb. .56 - .57
Syrian, whiskered, bgs.....lb. .45 - .46
Carbazole, 85%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
90% dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, dms., c.l., works...lb. .225 - —
l.c.l., same basis.....lb. .235 - —
tanks, same basis.....lb. .215 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05½- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls..lb. .06 - .08
Tetrachloride,[1,2] Zone 1, 52½-gal. dms., c.l., frt. alld.. gal. .73 - —
l.c.l., frt. allgal. .80 - —
5 or 10-gal. dms., c.l., frt. allgal. .97 - —
l.c.l., frt. allgal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt allgal. .90 - —
l.c.l., frt. allgal. .87 - —
Zone 2, 5 or 10-gal. dms., c.l., frt. allgal. 1.04 - —
l.c.l., frt. allgal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. allgal. .94 - —
l.c.l., frt. allgal. 1.00 - —
5 or 10-gal. dms., c.l., frt. allgal. 1.17 - —
l.c.l., frt. allgal. 1.27 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l. ..gal. .90 - —
5 or 10-gal. dms.....gal. 1.07 - —
l.c.l. ..gal. 1.17 - —

All prices on carbon tetarchloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1 includes the following States:—Me., N. H., Vt., Mass., Conn., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kans. Zone 2 includes N. D., S. D., Neb., Kans., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the States of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom,[1] bleached, cs.....lb. 1.70 - 1.80
decorticated, cs..lb. 1.55 - 1.60
green, Alleppey, bgs.....lb. .95 - .97
Ceylon, cs..lb. .94 - .97
Carob bean flour (see Gum, Locust bean).
Carvol, bots..lb. 22.50 -23.00
Cascara sagrada bark, bulk...lb. .26 - .28
Case-hardening mixture, 30% lump, dms., l.c.l. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .19 - .21
5 tons, works..lb. .19½- .21¼
smaller lots, works.....lb. .19½- .21½
80-100 mesh, c.l., dlvd.....lb. .19½- .21½
5 tons, works..lb. .19½- .21½
smaller lots, works.....lb. .20 - .22
import, Argentine, 20-30 mesh., bgs., c.l., c.&f..lb. .09 - —
French, 30 mesh, bgs., c.l., duty paid..lb. No prices
New Zealand, 20-30-mesh, c.l., bgs., duty paid..lb. No prices
Cassia,[1] Batavia, No. 1, thin quill, bls..lb. .63 - .64
No. 1, regular, bls.....lb. .58 - .59
Shortstick ..lb. .63 - .64
broken ..lb. .51 - .52
China, buds, bgs..lb. .53 - .54
rolls, select, bls.....lb. .51 - .52
broken, bls..lb. .48 - .49
Saigon, all medium, bls.....lb. .61 Nom.
all thin, bls..lb. .62 Nom.
Cassia, fistula, bskts..lb. .25 - .26
Castoreum, nat., cns.....b.12.50 -15.00
Synth., bots..lb.19.00 - —
Castor beans, f.o.b. Brazilian ports..long ton.75.00 - —
Oil (see Oil, castor).
Pomace,[1] dom., guaranteed 5½% ammon., bgs., c.l., works. ton.19.00 - —
import, bgs., c.i.f. ports, shipment..ton. No prices
Catechol, resublimed, frt. alld. E. of Miss., 100-lb. dms..lb. 3.50 - —
Celery seed,[1] French, bgs.....lb. 1.02 Nom.
Indian ..lb. .33½- .34
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, frt. alld. lb. .30 - .3
granules, frt. alld.....lb. .35
Triacetate, flake, frt. alld....lb. .3

A Fighting Combination

FOOD · RUBBER · PHARMACEUTICALS · AMMUNITION · MEAT · PETROLEUM

LEATHER · DRUGS · TEXTILES · BATTERIES · DYES · METALS

Ammonium Bicarbonate — CHEMICALS

White Ammonium Chloride — CHEMICALS

Sodium Nitrite — CHEMICALS

These three nitrogen products, made by Solvay in ever increasing quantities, are vital in producing materials for our armed forces. America's ability to produce such chemicals as these in volume is another assurance of Victory!

SOLVAY SALES CORPORATION *Alkalies and Chemical Products Manufactured by The Solvay Process Company*

Cerium hydrate, dms., works..lb. .69 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, 100-lb. lots, works..lb. 1.50 - —
smaller lots, works.....lb. 2.00 - —
Chalk, precipitated, drugs, dentifrices, and cosmetics, c.l., spot..lb. .02½- —
paint and other industries, bgs., c.l., works..ton.40.00 - —
papermakers, bgs., c.l., works. ton.32.50 - —
rubbermakers, bgs., c.l., works. ton.60.00 - —
Chamomile flowers, Hungarian type, cs..lb. .60 - .65
Roman, bls.....lb. 3.25 Nom.
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. ..ton.35.40 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.35.80 - —
Ill., Ind., Iowa, Mich., Minn., Mo., Neb., O. and Wis..ton.32.50 - —
Penn. .....ton.34.80 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .0275- —
tanks, works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 200 mesh., bgs., c.l., works...ton. 9.50 - —
l.c.l., works.....ton.16.00 - —
bclk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., wks., ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet grd., silkbolt, 99.9%, 325 bulk., c.l., works..ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.19.00 -24.00
powd., cks., l.c.l., ex whse., ton.41.00 - —
Chloral hydrate, jars, 1,000 lbs.lb. .93 - .95
500 lbs.....lb. .96 - .98
100 lbs.....lb. .98 - 1.00
25 lbs.....lb. 1.00 - 1.02
1-10 lbs.....lb. 1.05 - 1.07
dms., 1,000 lbs.....lb. .90 - .92
500 lbs.....lb. .93 - .95
100 lbs.....lb. .95 - .97
Chlorinated rubber,[9] standard, 100 lbs. or more, works..lb. .32 - —
smaller lots.....lb. .33 - —
Chlorine,[3,5,6] liquid, cyclis, c.l., dlvd., N.Y..lb. .05¼- —
contracts, dlvd., N.Y...lb. .05½- —
l.c.l., dlvd. N.Y.....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2, works, frt. equalized... 100 lbs. 2.50 - —
1, works, frt. equalized... 100 lbs. 3.00 - —
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chlorpicrin, com'l, 150-lb. cyls., frt. alld..lb. .80 - —
100-lb. cyls., frt. alld.....lb. .82 - —
25-lb. cyls., ex-whse.....lb. 1.00 - —
1-lb. bots., case 2, ex-whse., lb. 1.25 - —
Chrome acetate, powd., 24%, bbls., lb. .22 - —
solut., 8%, cs., bbls.....lb. .07½- —
7½%, cs., bbls.....lb. .06½- —
Cake, bulk, c.l., works.....ton.16.00 - —
Ore, residue, paper bgs., c.l., works..ton.15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 6.50 - 7.00
Cinchona bark, quill, USP, 10 in., medium, cs..lb. 1.20 Nom.
20 in., thick, cs.....lb. No stocks
20 in., medium, cs.....lb. No stocks
broken quill, red, bgs...lb. .19 Nom.
yellow, bgs.....lb. .19 Nom.
Cinchonidine,[8] small, crys., cns., 100 ozs..oz. .89 + .12½*
Sulphate, NF, cns., 100 ozs..oz. .53 + .12½

* Cinchonine buyers must pay a surcharge of 12½c. per oz. to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[8] small cryst., cns., 100 ozs..oz. .62 + .12½*
large cryst., cns., 100 ozs..oz. .66 + .12½
Sulphate, NF, cns., 100 ozs..oz. .42 + .12½

* Cinchonidine buyers must pay a surcharge of 12½c. per oz. to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, bots., 1 to 5 lbs. lb. 3.70 - 3.80
dms., 100 lbs.....lb. 3.50 - —
50 lbs.....lb. 3.55 - —
25 lbs.....lb. 3.60 - —
Heavy density cinchophen 20c. per lb. higher.
Cinnamic alcohol (see Alcohol, cinnamic).
Cinnamon,[1] Ceylon, 2, bls.....lb. .58 - .62
chips, bgs.....lb. .56 - .57
Citral, bots., cns.....lb. 4.95 - 6.00
Citrine ointment,[3] jars.....lb. .98 - 1.00
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 7.00
Clove,[1] Zanzibar.....lb. .18½- .19
Clover tops, red, dom., bgs....lb. .33 - .34
Coaltar, coal-gas, crude, bbls., c.l., works..dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
tanks, works.....gal. .07½- —
refd., bbls., c.l., works..bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works.....gal. .08½- —
Coaltar, water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
refd., dms., c.l., works..dm. 9.25 - —
Cobalt acetate,[9] bbls., kgs., dlvd. lb. .33½- —
feed grade, 49.5% Co., 100 lbs. lb. 1.25 - —
Carbonate,[9] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co., 100 lbs. lb. 1.55 - —
Chloride, kgs., works.....lb. .37½- —
feed grade, 24.5% Co., 100 lbs. lb. 1.25 - —
Hydrate,[9] bbls.....lb. 2.04 - —
feed grade, 62% Co., 100 lbs. lb. 2.25 - —
Linoleate, paste, 5%, dms....lb. .32 - .35
solid, 8½%, dms .....lb. .44 - -
Nitrate, feed grade, 20.4% Co... 100 lbs. 1.25 - —
Oleate, bbls.....lb. .44 Nom.
Oxide,[9] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co., 100 lbs..lb. 1.75 - —

Cobalt, resinate, fused A, bbls., lb. .15 - —
1%, cobalt oxide, bbls.....lb. .15 - —
2%, cobalt oxide, bbls.....lb. .16 - —
5½%, cobalt oxide, bbls.....lb. .18 - —
precip., dms., dlvd.....lb. .38 - —
Sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co., 100 lbs. lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-Ammonium sulphate, 14%, Co., 100 lbs..lb. .75 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .27 - .28
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter,[1] bulk, f.o.b. shipping point..lb. .25 - —
Cocillana bark, bgs.....lb. .20 - .21
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .09 - .11
blue, bls.....lb. .09 - .10
Colchinine, bots., cns.....oz.88.00 -63.00
Colchicum seed, bgs.....lb. No stocks
Collodion, USP, dms., 325 lbs..lb. .19½- .20½
cns., 80 lbs.....lb. .22 - .23½
flexible, USP, dms., 325 lbs..lb. .21 - .22
cns., 25 lbs.....lb. .25 - .31
Colocynth pulp, bls.....lb. 1.15 - 1.25
Colombo root, bls.....lb. .10 - .11
Coltsfoot leaves, bgs.....lb. .90 - 1.00
Condurango bark, bgs.....lb. .14 - .15
Conium leaves, bls.....lb. 1.15 - 1.20
Copaiba, balsam, Para, cns...lb. .47 - .49
S.A., USP, cns.....lb. .50 - .52
Copper acetate,[6] normal, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - .35
Carbonate,[6] 52-54%, bbls.....lb. .19½- .20
Chloride,[6] anhyd., bbls.....lb. .23¾- .24
regular crystals.....lb. .13 - .14¾

Copper, cyanide,[6] tech., bbls..lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1,3,6] electrolytic.....lb. .12 - .12½
Nitrate, tech., cryst., bbls...lb. .18¾- .20
Oleate, precip., bbls.....lb. .22½- .23½
Oxide,[6] black, bbls., tons, works, lb. .19½- .21¼
Red, com'l, kgs., f.o.b. N. Y. lb. .20 - .22
Resinate, precip., bbls.....lb. .15½- .16
Sulphate,[6] 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 5.15 - 5.20
l.c.l., 16-50 bbls., same basis, 100 lbs. 5.30 - —
6-15 bbls., same basis... 100 lbs. 5.40 - —
1-5 bbls., same basis... 100 lbs.5.65 - —
monohydrated, dms., c.l., dealers, f.o.b. works..100 lbs. 9.20 - —
l.c.l., dealers.....100 lbs.10.20 - —
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25 or over, works... 100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipment.....lb. No prices
Coriander seed,[1] Morocco, bgs., lb. .10¾- .11¼
Indian, bgs.....lb. .09½- .10
Corn silk, bls.....lb. .20 - .22
Corn sugar, tanners', chipped, bgs., c.l., dlvd..100 lbs. 3.62 - —
Alaba, bbls., c.l.....100 lbs. 3.54 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.69 - —
43°, bbls., c.l.....100 lbs. 3.74 - —
Corrosive sublimate,[3] cryst., dms., 50 lbs. or more...lb. 2.39 - —
gran., powd., dms., 50 lbs. or more...lb. 2.24 - —
Cottonroot bark, bls.....lb. .13 - .14

Cottonseed, hull ash,[1] 32-36% potash, bgs., dlvd..unit-ton. 1.00 - —
meal, 41% protein, Southeast mills, February delivery.ton.35.00 - —
41% protein, same basis..ton.36.50 - —
Coumarin, 25-lb. cns.....lb. 2.75 - —
1-lb. cns.....lb. 2.90 - —
1-oz. cns.....lb. 3.25 - —
less than 5, cns.....lb. 4.15 - 4.65
Cramp bark, NF, bls.....lb. .60 - .75
Cranesbill root, bls.....lb. .18 - .19
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one shipm't..lb. .57½- —
smaller lots, bbls.....lb. .58 - —
kgs. .....lb. .58½- —
Creosote, beechwood, cbys., dms. lb. .30 - .35
bots. .....lb. 1.00 - 1.05
hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 2.10 - 2.30
Oil, crude, tanks, works...gal. .15½- —
Coaltar, solution, tanks, works, gal. .141 - —
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
Cresol,[6] special resin grade, dms., c.l., works, frt. equald..lb. .06½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .06¾- —
USP, dms., c.l., works, freight equald..lb. .10¾- —
l.c.l., same basis.....lb. .11¼- —
tanks, same basis.....lb. .10 - —
Crotonaldehyde, 97% 55 and 110 gals., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, syn., c.l., frt. alld. E. of Miss. River..lb. .08½- —
l.c.l., works.....lb. .09½- —
Natural, c.l.....100 lbs. 9.50 - —
l.c.l. .....100 lbs.10.00 - —

THE *Dynamic* WAY OF LIFE

Not for generations have Americans been so acutely aware of the meaning of freedom. No longer do we take it for granted. To us it is now the sword and the shield, the spade that turns the soil, the spark that powers our industries, the master key to scientific progress. Without it the dynamic way of life we call Democracy could not be possible. For Democracy thrives only in the air of freedom.

Symbolic of the stream of freedom in American history, and of the dynamic way of life this country has followed, is Niagara. From it millions of Americans have derived a vision of strength, abundance and power. They have seen in Niagara the great potentialities that the hills and plains and rivers of this country offer, and the ideal of humanity flowing towards a new goal. They see strength and permanence, too, in its ceaseless fo movement. In the light of events Niagara is now more than ever expression of America.

We who work within sight and so Niagara Falls are devoting every ounc energies and facilities to speeding the chemicals for Victory.

CAUSTIC POTASH · CAUSTIC
PARA · CARBONATE OF PO
LIQUID CHLORINE

EBG Niagara ALKALI COMPANY
60 EAST 42nd STREET, NEW YORK, N. Y.

An Essential Part O
America's Grea
Chemical Enterpri

Cube root,[a] powd., 5% rotenone, bbls., f.o.b. N.Y.C..lb. .35 - —
4% rotenone prices are 4c. per lb. less.
Cubeb berries, XX, bgs.....lb. .65 - .70
powd., cs.....lb. .70 - .75
Culver's root, bls.....lb. .27 - .28
Cumin seed, Cyprus, bgs.....lb. .16 - .16½
Morocco, bgs.....lb. .15½- .16¾
Indian, bgs.....lb. .12½- .13
Persian, bgs.....lb. .13½- .14
Cutch, Bornee, extract, solid, contract, f.o.b. N. Y., duty paid..lb. No stocks
Cyanamid,[a,e] fertilizer grade for mixing purposes, guaranteed 21% N, pulv., bgs., Niagara Falls, Ont., contracts.....
unit-ton. 1.52½- —
granular, fertilizer grade or mixing purposes, 20.6% N, bulk, Niagara Falls, Ont...
unit-ton. 1.62½- —
Cyanide-chloride, mixture,[a] 45%, gran., dms...lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., wks.
lb. .16 - —
Cyclohexanol, 98-100%, dms., wks.
lb. .23 - —
Cyclohexanone, 98-100%, dms., works..lb. .32 - —
Cyclopropane, USP, cyls., dlvd..
gal. .27 - —

D

Damiana leaves, bls.....lb. .15 - .16
Dandelion root, bls.....lb. .31 - .32
Decanol, normal, tech., 360 lbs., dms., dlvd..lb. .35 - —
Deertongue leaves, bls.....lb. .21 - .22
Degras,[a] common, dom., bbls..lb. .10 - .12
neutral, dom., bbls.....lb. .26 - .30
Derris root,[a] powd., 5% rotenone, bbls., f.o.b. N.Y...lb. .35 - —
4% rotenone prices are 4c. per lb. less.
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.35 - —
corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.00 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.20 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.95 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.15 - —
potato, bgs., dom., c.l.....lb. .10 - —
l.c.l., bgs.....lb. .10¼- .11¾
Diacetone (see under Alcohol).
Diacetyl, bots.....lb. 9.50 -11.00
Diamyl ether (see Amyl Ether).
Phthalate,[a] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Diamyl sulphate, l.c.l., dms., works..lb. .25 - —
Diamylamine, dms., c.l., works.lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylene, dms., c.l., works..lb. .105 - —
l.c.l., works.....lb. .112 - —
tanks, works.....lb. .095 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .17 - —
Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., natural, bgs., c.l., f.o.b. Pacific coast..ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., f.o.b. Atlantic seaboard..ton.55.00 -59.00
l.c.l., ex whse.....ton.85.00 -90.00
chemically pure, bgs., c.l., f.o.b. Atlantic seaboard..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
import, Algerian, bgs., c.l., c.i.f..ton. No prices
Mexican, white, bgs., c.l., c.i.f.
lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl ether (see Ether, butyl).
Phthalate,[a,e] dms., c.l., dlvd..lb. .2000- .2070
l.c.l., dlvd.....lb. .2060- .2120
tanks, dlvd.....lb. .1900- .1970
ens., works.....lb. .23½- —
Sebacate, dms., works.....lb. .45 - .47
Tartrate, dom., dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works.
lb. .61 - —
Dicalcium phosphate (see Calcium phosphate dibasic).
Dichloroethyl ether,[a] dms., c.l., works..lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14 - —
Diethylaniline, dms.....lb. .40 - —
Diethyl carbonate, com'l, dms.lb. .23 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .3020- —
l.c.l., dlvd.....lb. .3070- —
Phthalate,[a] dms., c.l., dlvd..lb. .2120- .2170
l.c.l. .....lb. .2170- .2220
tanks .....lb. .2020- .2250
Sulphate, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylamino ethanol,[a] l.c.l., dms., works, frt. alld. E. of Miss. River..lb. .75 - —
Diethyleneglycol,[a] dms., c.l., wks.
lb. .14 - —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works..lb. .22½- .24½
Monoethylether, dms., c.l., wks.
lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .45 - .50
Diglycol laurate, dms.....lb. .31 - .33
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works.
lb. .19 - —
Dillseed, cleaned, bgs.....lb. .08½- .09
Dimethyl phthalate,[a] dms., c.l., dlvd..lb. .1970- .2000
l.c.l., dlvd.....lb. .2020- .2050
tanks, dlvd.....lb. .19 - —
Dimethylamine, dms., c.l., dlvd.lb. .55 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylaniline, dms., c.l.....lb. .22 - —
l.c.l., dms.....lb. .24 - —
Dinitrobenzene, bbls., 80° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .06 - —
Diorthotoluoylguanidin,[a] 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld.....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .59 - .61
tanks .....gal. .51 - —
dest., dist., dms.....gal. .55 - .58
tanks .....gal. .45 - —
Diphenyl, bbls., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, dms..lb. .43 - .45
ens. .....lb. .48 - .50
Diphenylamine,[a] bbls.....lb. .25 - —
Diphenylguanidin,[a] dms., 2,000 lbs. or over, dlvd..lb. .55 - —
600-1,950 lbs., dlvd.....lb. .56 - —
150-450 lbs., dlvd.....lb. .57 - —
Dimethylethyl carbinol (see Carbinol).
Divi-Divi, Colombian.....ton.80.00 - —
Venezuelan .....ton.80.00 - —
Doggrass root, imp., cut, NF, bls..lb. .50 - 1.50
domestic, bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls...lb. .07 - .09
Dover's powder, USP, cns.....lb. 2.75 - 2.90
Dragon's blood, reeds, cs.....lb. .95 - 1.00
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns.lb.12.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
Green, FD&C green, No. 2, cns.
lb.17.50 - —
FD&C green, No. 3, cns....lb.27.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
Orange, FD&C orange, No. 1, cns...lb. 2.90 - —
FD&C orange, No. 2, cns...lb. 3.65 - —
Red, FD&C red, No. 1, cns...lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns...lb. 8.50 - —
FD&C yellow, No. 3, cns...lb. 2.65 - —
FD&C yellow, No. 4, cns...lb. 2.65 - —
FD&C yellow, No. 5, cns...lb. 3.15 - —
FD&C yellow, No. 6, cns...lb. 3.15 - —
Dyes, coaltar (certified colors), for drugs and cosmetics:—
Black, D&C black, No. 1....lb. 8.35 - —
Blue, D&C blue, No. 6.....lb.13.50 - —
Brown, D&C brown, No. 1, cns.
lb.12.35 - —
Green, D&C green, No. 5, cns.
lb.12.35 - —
D&C green, No. 6, cns....lb.12.35 - —
Orange, D&C orange, No. 3, cns...lb. 8.35 - —
D&C orange, No. 4, cns...lb.15.35 - —
D&C orange, No. 10, cns...lb.15.85 - —
D&C orange, No. 12, cns...lb.17.35 - —
Red, D&C red, No. 5.....lb. 6.00 - —
D&C red, No. 17.....lb. 8.35 - —
D&C red, No. 18.....lb.18.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb.15.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns...lb. 8.35 - —
D&C yellow, No. 3, cns...lb. 8.35 - —
D&C yellow, No. 11.....lb.10.35 - —
Dyes, coaltar (certified colors), for external use drugs and cosmetics:—
Blue, Ext. D&C blue, No. 1, cns...lb.12.35 - —
Green, Ext. D&C green, No. 1, cns...lb.12.35 - —
Red, Ext. D&C red, No. 1, cns...lb.10.35 - —
Ext. D&C red, No. 3.....lb.21.85 - —
Ext. D&C red, No. 8.....lb. 7.85 - —
Ext. D&C red, No. 10, cns.lb.12.85 - —
Ext. D&C red, No. 13, cns.lb.12.35 - —
Yellow, Ext. D&C yellow, No. 7, cns...lb. 8.35 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index Scale):—
36 Chrome yellow 2G.....lb. .63 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
145 Lake red C.....lb. .70 - .80
170 Fast red A°.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
Sulphur tan .....lb. .30 - .50
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
280 Fast cyanin 8R.....lb. .90 - 1.00
290 Chrome black F.....lb. .85 - .88
297 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .52 - .56
368 Chrysophenin G.....lb. .55 - .70
394 Direct violet N.....lb. .80 - .90
582 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN.
lb. .45 - .60
406 Direct blue 2B.....lb. .60 - .70
415 Direct orange R.....lb. .60 - .70
418 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .67
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azorin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO....lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble).
lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L...lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .20 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
.865 Nigrosin derivatives.lb. .36 - .44
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Brown:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
Red shade .....lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink)
lb. 2.50 - —
1080 Anthraquinone,[a] violet base..lb. 6.00 - —
680 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow.lb. .90 - —
17 Amidoazotoluene yellow,
lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00
Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S.lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
729 Victoria blue B.....lb. 1.35 - —
861 Indulin .....lb. .87 - —
909 New blue F.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c per lb. higher, f.o.b. sellers' works or warehouse).
Blue:—
714 Patent blue A.....lb. 1.05 - 1.10
Brown:—
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R.
lb. .66 - —
231 Bismarck brown G...lb. .47 - .62
332 Bismarck brown R...lb. .47 - .62
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —
Orange:—
10 Chrysoidin G.....lb. .44 - —
21 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
151 Orange T.....lb. .31 - .33
161 Orange R.....lb. .34 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B,
lb. .68 - —
Red:—
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A°.....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S....lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow...lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, coaltar, for stains, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .36 - .44
Blue:—
860 Indulin .....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red:—
677 Fuchsin, magenta, base.
lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow.
lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base....lb. .85 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .19 - .22
Egg albumen (see Albumen).
yolk, dried, dom., bbls....lb. 1.00 - 1.10
imported .....lb. 1.00 - 1.10
Elder flowers, bright, bls.....lb. .77 - .78
Elecampane root, bls.....lb. .18 - .19
Elm bark, grinding, bls.....lb. .14 - .15
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .19 - .20
Emetine hydrochloride, bots..oz.33.00 -34.50
Ephedra, bls.....lb. .21 - .23
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride or sulphate, tins .....oz. .95 - 1.45
synth, USP, hemihydrate, bots., 100 ozs. or more..oz. .65 - —
anhyd., bots., 100 oz. or more..oz. .65 - —
Hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .48 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
Epsom salt prices on technical and USP are on the basis of freight equalized with Barber, Carteret, N. J., Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
Epsom salt, USP., cryst., dom., bgs., c.l...100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal...100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal...100 lbs. 2.35 - —
smaller lots....100 lbs. 2.60 - —
kgs., c.l. .....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal...100 lbs. 2.60 - —
smaller lots....100 lbs. 2.85 - —
dried, bgs., l.c.....lb. .08 - .09
Ergot, USP, cns., dms., ton lots, lb. 1.25 - 1.35
smaller lots.....lb. 1.40 - 1.75
Eserine, bots.....oz. No prices.
Salicylate, bots.....oz.41.00 -48.00
Sulphate, bots.....oz.41.00 -48.00
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl, ether).
Butyl, l.c.l., dms., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .93 - 1.10
Sulphuric, conc., 310-lb. dms., lb. .11 - —
27-lb. dms .....lb. .15½- .16
USP, anesthesia, hospitals, 1-lb. cns...lb. .60 - .61
Synth., dms., c.l., works....lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
Ethyl acetate,[a] 85-90%, dms., c.l., frt. alld...lb. .1170- .1200
l.c.l., frt. alld.....lb. .1220- .1250
tanks, frt. alld.....lb. .1070- .1100
98 @ 99%, dms., c.l., frt. alld.lb. .12¾- .13¾
l.c.l., frt. alld.....lb. .12¾- .13¾
tanks, frt. alld.....lb. .11¾- .12¾
NF, 390-lb. dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works, lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns .....lb. 1.30 - 1.40
Chloride, dms .....lb. .18 - .20
Cinnamate, cns.....lb. 3.50 - 3.85
Formate, cns., dms.....lb. .27½- —
Iodide, bots .....lb. 3.50 - 3.60
Lactate, 55-gal. dms., works.lb. .33½- —
5-gal. dms., works.....lb. .37½- .39¼
Myristate, dms., works.....lb. .55 - —
Ethyloleate, dms., works.....lb. .47 - —
Oenanthate, dms. .....lb. .75 - 1.35
Oxalate, dms., frt. alld.....lb. .53 - —
Oxyhydrate, bots. .....gal. 7.50 - 8.00
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25-lb. lots, cns....lb. 5.25 - 6.00
5-lb. lots, cns.....lb. 5.50 - 6.05
1-lb. lots, cns.....lb. 5.40 - 6.15
Ethylcellulose,[a] std., pkgs., 5,000 lbs. or more, works..lb. .50 - —
less than 5,000 lbs., same basis..lb. .52 - .60
Ethyldiethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylethanolamine, dms., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylene, dichloride,[a] dms., c.l., works, E. of Rockies, frt. alld..lb. .0842- —
West of Rockies, same basis..lb. .0891- —
l.c.l., works, E. of Rockies, frt. alld..lb. .0891- —
West of Rockies, same basis..lb. .0941- —
tanks, same basis, E. of Rockies..lb. .0742- —
W. of Rockies.....lb. .0792- —
Ethyleneglycol,[a] dms., c.l.....lb. .15¼- —
l.c.l. .....lb. .16½- —
tanks .....lb. .14½- —
Monobutylether, dms., c.l., wks. lb. .16½- —
l.c.l., works.....lb. .17½- .20¼
tanks, works .....lb. .15½- —
Monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- .16¼
tanks, works .....lb. .13½- —
Monoethylether, acetate, dms., c.l., works..lb. .11¾- —
l.c.l., dms. .....lb. .12½- .15½
tanks, works .....lb. .10¼- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16¼- —
tanks, works .....lb. .14½- —
Ethyimorphine hydrochloride, bots., 5 oz..oz 10.75 - —
ens., 25 ozs.....oz 10.55 - —
Ethylidinanilin, dms. .....lb. .45 - .47½
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Eucalyptol, cns., dms.....lb. 2.00 - 2.50
Eucalyptus, leaves, bls.....lb. .10 - .12
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls. .....lb. .12 - .13

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
l.c.l., minimum 2 tons..ton.17.00 -20.50
glass, 20 mesh, bulk, works.ton. 9.75 -12.25
l.c.l., minimum 2 tons..ton.12.75 -16.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C., works.....ton.17.00 -19.00
l.c.l., minimum 2 tons, ton.20.00 -22.00
Fennel seed, Indian, bgs.....lb. .08½- .09
Fenugreek seed, bgs.....lb. .09¾- .09¼
Ferric, sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colored, cs. .lbs. or over, works..lb. .13½- .14
smaller lots, works ..lb. .15 - —
water white, cs., 50 lbs. or over, works..lb. .14½- .15
smaller lots, works....lb. .17 - —
Fir, balsam, Canada, cns....gal.19.00 -20.00
Oregon, bbls.....gal. 1.85 - 2.25
Fish berries, bgs .....lb. .24 - .25
Fish[i] meal, grd., bgs., East Coast fish factories..ton.72.50 - —
scrap, menhaden, new catch, dried, 60% protein, bulk, East Coast fish factories.ton.66.50 - —
scrap, 6-7% ammon., 3% s.p.a., bulk Carolina and Florida fish factories.....unit-ton. No prices
Long Island fish factories. unit-ton. No prices
Flake white, dom., bbls.....lb. .09 - —
kegs .....lb. .11 - —
Fleaseed, French, black, bgs..lb. .65 - .70
Indian, blonde, bgs.....lb. .15 - .17
Fluorspar, dom., No. 2 lump or washed gravel, 85-5%, c.l., f.o.b. Ky. and Ill. mines, or barge delivery, Ohio River landings .....ton.23.00 -25.00
Formaldehyde,[a,f,g] bbls., c.l., works.....lb. .0550- .0575
l.c.l., works .....lb. .06 - .0625
Formaldehyde, dms., c.l., works, lb. .0515- .0540
l.c.l., works.....lb. .0565- .0590
tanks .....lb. .04 - .04¼
Formaldehyde prices are subject to order 4½c. to 9½c. OPA ceiling.
Fringetree bark, bls.....lb. .30 - .40
Fullers earth, dom., powdered, bgs., c.l., f.o.b. Fla., Ga., mines..ton. 8.50 -15.00
f.o.b. Tex., mines.....ton.12.50 - —
import, Eng., bgs., c.l., dlvd. N. Y...ton.30.00 -40.00
Fumitory herb, bls.....lb. .58 - .60
Furfural, ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
dms., c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, crude, dms., incl., works..gal. .75 - —
refd., dms., incl., dlvd...lb. .18½- .19½
Fustic, cryst., bags, No. 1....lb. .32 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
extract, bbls., No. 1.....lb. .16 - —
No. 2 .....lb. .15 - —
No. 3 .....lb. .12½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .28 - .30
Gambier, common, cases.....lb. No prices.
plants[h] on, cases.....lb. No prices.
cubes, Singapore, cases...lb. .30 Nom.
extract, bbls. .....lb. .09¼- .12
Gasoline[i] at refinery:—
Bayonne, US motor, 65 octane, tanks, ex tax..gal. .0695- —
72-74 octane, ex tax.....gal. .062 - —
California 73 octane at refineries, tanks..gal. .075 - —
Gulf Coast, US motor, 72-74 octane, tanks, ex tax..gal. .05¾- —
Arkansas, US motor, 72-74 octane, leaded, tanks, car lots, ex tax..gal. .06 - —
Group 3, 72-74 octane, tanks, gal. .05¾- .06
Oklahoma-Texas, US motor, 72-74 octane, tanks, ex tax, gal. .05¾- .06
natural, 26-70, Group 3, tanks..gal. .06¾- —

Gelatin, silver, cs.	lb.	.90 - .97
Geissemium root, bls.	lb.	.15 - .19
Gentian root, bls.	lb.	.50 - .52
grd., bbls., bxs.	lb.	.55 - .57
powd., bbls., bxs.	lb.	.56 - .58
Geraniol, 92-96%, cns., dms.	lb.	3.50 - 4.50
Ginger,[1] African, No. 1, bls.	lb.	.29 - .30
Calicut, bgs.	lb.	.24 - .25
Cochin, bleached, bgs.	lb.	.25 - .26
unbleached, bgs.	lb.	.24 - .25
Jamaica, No. 1, bgs.	lb.	.40 - .41
No. 2, bgs.	lb.	.35½- .36
No. 3, bgs.	lb.	.34 - .35
Ginseng root, wild Southern, cs.	lb.	12.00 -13.00
Glauber's salt, antyd. (see Soda Sulphate).		
cryst., dom., bgs., bbls., c.l., works	100 lbs.	1.05 - 1.35
5 tons or over, works	100 lbs.	1.15 - 1.35
less than 5 tons, works	100 lbs.	1.25 - 1.45
import, bgs.	100 lbs.	No prices.
Glue, bone, calcimine type, 24 millipoises, 36 jelly-grams, bgs., c.l., East of Midwest	lb.	.16 - —
l.c.l.	lb.	.17 - —
30/58, bgs., c.l.	lb.	.15½- —
l.c.l.	lb.	.16½- —
58/82, bgs., c.l.	lb.	.17 - —
l.c.l.	lb.	.18 - —
82/108, c.l.	lb.	.18½- —
l.c.l.	lb.	.19 - —
hide,[1] 100-121 (jelly test in grams, bgs., c.l., divd.	lb.	.14 - —
bbls., c.l., divd.	lb.	.14½- —
122-149, bgs., c.l., divd.	lb.	.15 - —
bbls., c.l., divd.	lb.	.15½- —
150-177, bgs., c.l., divd.	lb.	.16 - —
bbls., c.l., divd.	lb.	.16½- —
178-206, bgs., c.l., divd.	lb.	.17 - —
bbls., c.l., divd.	lb.	.17½- —
207-236, bgs., c.l., divd.	lb.	.18 - —
237-266, bgs., c.l., divd.	lb.	.19 - —
bbls., c.l., divd.	lb.	.19½- —
267-296, bgs., c.l., divd.	lb.	.20 - —
bbls., c.l., divd.	lb.	.20½- —
299-330, bgs., c.l., divd.	lb.	.21 - —
bbls., c.l., divd.	lb.	.21½- —
331-362, bgs., c.l., divd.	lb.	.22 - —
bbls., c.l., divd.	lb.	.22½- —
363-394, bgs., c.l., divd.	lb.	.23 - —
bbls., c.l., divd.	lb.	.23½- —
395-427, bgs., c.l., divd.	lb.	.24 - —
bbls., c.l., divd.	lb.	.24½- —
428-460, bgs., c.l., divd.	lb.	.25 - —
bbls., c.l., divd.	lb.	.25½- —
461-494, bgs., c.l., divd.	lb.	.26 - —
bbls., c.l., divd.	lb.	.26½- —
495-529, bgs., c.l., divd.	lb.	.27 - —
bbls., c.l., divd.	lb.	.27½- —

Hide glue transportation charges in excess of 75c. per hundredweight may be added. Prices are those established for sale by producers; prices for glue sold by jobbers are 2c. to 3½c. per pound higher according to grade. Less car lot prices are 1c. per pound higher than car lot. Maximum prices for chrome glue and coney glue in carload lots, wherein the jelly test in grams is 267 or higher, are 2c. per pound higher than the prices established above, while those for these glues, wherein the jelly test is below 267, are 1c. per pound higher than the above prices.

Glycerin[1], Zones A and C, C.P.,[a] (B.P. 98%), drums, car lots, divd.	lb.	.18½- —
less car lots, divd.	lb.	.19½- —
tanks, divd.	lb.	.18½- —
C.P.[a] (USP 95%), drums, car lots, divd.	lb.	.18½- —
less car lots, divd.	lb.	.18½- —
tanks, divd.	lb.	.18 - —
Glycerin, dynamite,[a] high gravity, yellow, distilled, dms., car lots, divd.	lb.	.18½- —
less car lots, divd.	lb.	.18½- —
tanks, divd.	lb.	.18 - —
saponification, 88%, to refiners, dms., c.l., divd.	lb.	.12½- —
less car lots, divd.	lb.	.12½- —
tanks, divd.	lb.	.12½- —
to individual users, dms., c.l., f.o.b. point of manufacture	lb.	.13½- —
less car lots, same basis,	lb.	.14½- —
tanks, same basis	lb.	.12½- —
soaplye, 80%, dms., car lots, divd.	lb.	.11½- —
less car lots, divd.	lb.	.11½- —
tanks, divd.	lb.	.11½- —

Glycerin prices in Zone B are 2c. higher. Zone A means all points east of and including N. Dak., S. Dak., Neb., Kansas, Omaha, Texas, Laramie County, Wyo.; Col.; east of but not including the following counties:—Jackson, Grand, Gilpin, Jefferson, Douglass, Teller, Fremont, Custer, Huerfano, and Costilla.

Zone B means the territory between Zones A and C, as follows:—Washington, east of and including the following counties:—Okanogan, Chelan, Kittitas, Yakima, Klickat; Ore., east of and including the following counties:—Hood River, Wasco, Jefferson, Deschutes, Klamath; Nev., Ariz., New Mex., that part of Col. west of and including those counties mentioned above; Utah, Wyo., excepting Laramie County; Idaho and Mont.

Zone C means the territory west of Zone B.

*Note.—Sales of glycerin to U. S. government are at prices 1c. below the above prices on C.P., and dynamite glycerin.

Glycine, medicinal, bbls., tins	lb.	1.70 - 2.00
Glycol boriborate, dms.	lb.	.22 - —
Phthalate, dms.	lb.	.35 - —
Stearate, dms.	lb.	.28 - —
Gold, U. S. purchase price	oz.	35.00 - —
Chloride, acid brown, bots.	oz.	20.75 -21.00
yellow bots.	oz.	18.75 -19.00
Gold-soda chloride, photo., bots.,	oz.	13.00 - —
USP IX, bots.	oz.	14.50 -14.75
Gold of pleasure seed, bgs.	lb.	.29 - .30
Goldenseal root, bls.	lb.	4.75 - 5.00
powd., bxs.	lb.	5.00 - 5.25
Grains of Paradise, bgs.	lb.	.28 - .36
Graphite,[a] flaks (cryst.), 90%, 325 mesh, 50% graphitic, carbon, bgs., c.l., works	lb.	.07 - —
bbls., c.l., works	lb.	.07¼- —
l.c.l., works	lb.	.07½- —
85% graphitic, carbon, bgs., c.l., works	lb.	.03½- —
l.c.l., works	lb.	.03½- —
bbls., c.l., works	lb.	.03½- —
80% graphite, carbon, bgs., c.l., works	lb.	.03¼- —
bbls., c.l., works	lb.	.03½- —
l.c.l., works	lb.	.04½- —
Grease,[1,a] house, loose	lb.	.06½- —
white, loose	lb.	.06½- —

Wool (see Adeps lanae and Degras).

Green,[a] chrome, CP, dark, light, medium blue content up to 5%, bbls., divd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis	lb.	.23 - —
6-10%, bbls., same basis	lb.	.24 - —
11-15%, bbls., same basis	lb.	.25 - —
16-20%, bbls., same basis	lb.	.25½- —
21-25%, bbls., same basis	lb.	.26 - —
26-30%, bbls., same basis	lb.	.26½- —
31-35%, bbls., same basis	lb.	.27½- —
36-40%, bbls., same basis	lb.	.29 - —
Green, chrome, CP, dark, light, medium, blue content up to 41-45%, bbls., same basis	lb.	.30½- —
46-50%, bbls., same basis	lb.	.33 - —
reduced color, 5%, same basis,	lb.	.06¾- —
9-10%, bbls., same basis	lb.	.07½- —
11-13%, bbls., same basis	lb.	.08 - —
14-16%, bbls., same basis	lb.	.08½- —
17-19%, bbls., same basis	lb.	.08½- —
20-21%, bbls., same basis	lb.	.08¾- —
22-23%, bbls., same basis	lb.	.09 - —
24-25%, bbls., same basis	lb.	.09¼- —
26-27%, bbls., same basis	lb.	.09½- —
28-29%, bbls., same basis	lb.	.10 - —
30-31%, bbls., same basis	lb.	.10½- —
32-33%, bbls., same basis	lb.	.12 - —
34-35%, bbls., same basis	lb.	.13 - —
36-40%, bbls., same basis	lb.	.14 - —
41-45%, bbls., same basis	lb.	.17 - —
46-50%, bbls., same basis	lb.	.17½- —
51-55%, bbls., same basis	lb.	.18 - —
56-60%, bbls., same basis	lb.	.18½- —
61-65%, bbls., same basis	lb.	.19 - —
66-70%, bbls., same basis	lb.	.20 - —
71-75%, bbls., same basis	lb.	.21 - —

Green, chrome, prices are ½c. higher divd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita prices are equalized with Chicago.

Chrome oxide, drums, pure, works	lb.	.24 - —
Tetrahydroxide, bbls.	lb.	.98 - —
Paris (see P).		
Tungstated, brilliant, kgs.	lb.	3.75 - —
emerald, kgs.	lb.	2.60 - —
Verdigris (see V).		

Green dyes are listed under Dyes.

Grindelia robusta, bls.	lb.	.11 - .12
Guaiac resin, cs.	lb.	.80 - .85
strained, cs.	lb.	1.50 - 1.60
Wood, bls.	lb.	.05 - .06
Guaiacol, liq., dms.	lb.	1.75 - 2.01
Carbonate, fib. dms.	lb.	2.40 - 2.74
Guarana, powd., cs.	lb.	1.20 - 1.80

Gum Accroides (see Gum yacca).

Aloe (see A).		
Ammoniac, tears, cs.	lb.	1.20 - 1.25
Arabic, amber sorts, cleaned, bgs.	lb.	.14½- .15
powd., bbls.	lb.	.20 - .29
white, sorts, 1, bgs.	lb.	.33 - .35
Asafetida (see A).		
Asphaltum (see A).		
Benzoin, Siam, cs.	lb.	3.00 - 3.50
Sumatra, cs.	lb.	.50 - .55
Camphor (see C).		
Copal[1], Congo, No. 1, unsorted.	lb.	.14½- —
No. 2, unsorted	lb.	.12½- —
No. 3, unsorted	lb.	.11½- —
FAD, unsorted	lb.	.14½- —
Sorted, Nos. 1 to 28, not available in New York area.		
Sorted, No. 30, c.l.	lb.	.55¾- 56¼
No. 31, same basis	lb.	.21¼- .21¾
No. 32, same basis	lb.	.15¾- 16¼
No. 33, same basis	lb.	.14 - .14½
No. 34, same basis	lb.	.09¼- .09¾
No. 35, same basis	lb.	.15¾- .16¾
No. 36, same basis	lb.	.12¾- .13½
No. 37, same basis	lb.	.18¼- .18¾
No. 38, same basis	lb.	.12¼- .12¾
No. 39, same basis	lb.	.10¾- .11½
No. 40, same basis	lb.	.08 - .08½
No. 41, same basis	lb.	.11¾- 12¼

Inside figures represent car-load lot prices; outside figures less than 10-package-lot prices. On lots of 10 packages or more, prices are ¼ cent per pound higher than car-load lot prices; on lots less than 10 packages, prices are ½c. per pound higher than car-load lot quotations.

Gum, copal[1], Manila, Boeas, hard, bold white.	lb.	.15½- —
amber, light	lb.	.13½- —
amber, dark	lb.	.14½- —
Macassar, WS	lb.	.11½- —
MA	lb.	.09¾- —
MB	lb.	.09¼- —
dust	lb.	.07¾- —
Loba, A	lb.	.14 - —
B	lb.	.13¾- —
C	lb.	.13¾- —
CBB	lb.	.12 - —
CNE	lb.	.10 - —
D	lb.	.12¾- —
DBB	lb.	.11 - —
Du	lb.	.08¾- —
DK	lb.	.09½- —
dust	lb.	.07¾- —
MA	lb.	.09¾- —
MB	lb.	.09¼- —
WS	lb.	.11¾- —
Manila, Philippine, extra bold, pale scraped	lb.	.15 - —
bold, pale scraped	lb.	.15 - —
extra pale, bold, sorts	lb.	.12¾- —
pale crips, bold	lb.	.13 - —
pale nubs, WCB	lb.	.13¾- —
pale small chips	lb.	.11¾- —
SG	lb.	.10¼- —
seeds and dust	lb.	.08¾- —
Manila-Singapore, white split chips	lb.	.15¼- —
dust	lb.	.07¾- —
Pontianak, bold, scraped	lb.	.22¾- —
mixed, bold	lb.	.17¾- —
nubs	lb.	.13¾- —
small chips	lb.	.12¾- —
cuttings or split chips	lb.	.19¼- —
Dammar[1], Batavia, A	lb.	.35¾- —
A/C	lb.	.31¼- —
A/D	lb.	.28¾- —
A/E	lb.	.25¾- —
B	lb.	.34¾- —
C	lb.	.28¾- —
D	lb.	.25¾- —
E	lb.	.18¾- —
F	lb.	.13¾- —
dust	lb.	.13¾- —
Singapore, No. 1	lb.	.30¾- —
2	lb.	.25¾- —
3	lb.	.12¾- —
chips	lb.	.23½- —
dust	lb.	.13 - —
seeds	lb.	.17¾- —
Hiroe-Macassar, bold	lb.	.17¾- —
chips	lb.	.11¼- —
dust	lb.	.05½- —
nubs	lb.	.13¾- —
Pale East India-Singapore, bold	lb.	.22¾- —
nubs	lb.	.16¾- —
chips	lb.	.11¾- —
dust	lb.	.05½- —
Batu, scraped	lb.	.10¼- —
unscraped	lb.	.09 - —
nubs and chips	lb.	.05¾- —
chips	lb.	.12 - —
dust	lb.	.06¼- —
Black, East India, bold scraped	lb.	.12 - —
bold unscraped	lb.	.07½- —
nubs ani crips	lb.	.07¾- —

Importers have been authorized by OPA to add to the above prices charges of approximately 8¼% for freight, marine and war-risk insurance.

Gums, copal, Congo and Pontianak are packed in bgs.; Manila copal gums are packed in baskets; dammar gums are packed in cases; East India gums are packed in bgs.; gum elemi is packed in cans. Prices are in carload lots, ex dock or ex whse., San Francisco or New York. L.c.l. prices are ¼c. to ½c. per lb. higher.

ENTREGAS INMEDIATAS

ACIDO CITRICO SUBSTITUTO

Carbonato de Sosa 56-58%
Acido Formico
Hidrosulfito de Sosa
Sosa Caustico 76-78%
Sulfito de Sosa 60-62%
Sulfato de Zinc
Magnesia Calcinada (pesada)

OTROS PRODUCTOS ESPECIALES

Distribuidores para THE RUFERT CHEMICAL COMPANY

FORMIATO DE NÍQUEL • También CATALIZADOR DE NÍQUEL
CARBONATO DE NÍQUEL • ÓXIDO DE NÍQUEL, etc.

GOLWYNNE CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK, N.Y., E.U.A.

Gum, elemi.....lb. .08½- —
coarse.....lb. .06 - —
Ester, ordinary, carload lots, N. Eng., Middle Atlantic States, Va., W. Va., N. C., Ky., Ohio, Mich.; Ind., Ill., Wis., St. Paul and Minneapolis, Minn., and St. Louis, Mo., f.o.b. cars, destination.....lb. .09½- —
other points.....lb. .10 - .11
ten drums, same basis...lb. .09¾- —
other points.....lb. .10½- .11¾
single drums, same basis.lb. .10 - —
other points.....lb. .10¾- .12

Ester gum spot prices are ½c. per pound higher.

Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. 2.30 - 2.35
powd., bbls.....lb. 2.50 - 2.55
Ghatti, soluble, bgs.....lb. .11 - .15
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms.....lb. .14 - .35
Kauri,[3] Bush, bold.....lb. .40 - —
assorted.....lb. .35 - —
chips.....lb. .32 - —
dark.....lb. .18 - —
bright.....lb. .18 - —
White, 5X.....lb. 1.50 - —
4X.....lb. .66 - —
3X.....lb. .65¾- —
No. 1 extra.....lb. .43 - —
No. 1 superior.....lb. .41 - —
No. 2 extra.....lb. .31 - —
No. 2 superior.....lb. .31 - —
No. 3 extra.....lb. .30 - —
No. 3 superior.....lb. .22 - —
extra pale chips.....lb. .25½- —
pale chips.....lb. .20¾- —
pale dust.....lb. .20¾- —
Brown, 3X.....lb. .77 - —
2X.....lb. .49 - —
X.....lb. .36 - —
No. 1 extra.....lb. .34 - —
No. 1 superior.....lb. .31 - —
No. 2 extra.....lb. .30 - —
No. 2 superior.....lb. .27½- —
No. 3.....lb. .22 - —
chips extra.....lb. .18 - —
chips 80%.....lb. .16 - —
nubs.....lb. .24 - —
dust.....lb. .12½- —

Gum Kauri prices are for carload lots, packed in cases, ex dock or ex whse. San Francisco or New York. L.c.l. prices are ¼c. to ½c. per pound higher. On arrivals of gum kauri since June 1, importers have been authorized by OPA to add to the above prices charges of approximately 8½% for freight, marine and war-risk insurance.

Kino, tins.....lb. No prices
Locust bean, powd., bbls....lb. 1.10 - 1.15
Mastic, cs.....lb. 3.50 - 3.75
Myrrh, USP, cs.....lb. .75 - .76
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .35
Opium (see O).
Red gum (see Gum, accroides).
Resin (see R).
Sandarac,[1] cks.....lb. .07½- —
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, Aleppo, No. 1, cs. lb. 3.75 - 3.90
No. 2, cs.....lb. 3.40 - 3.45
No. 3, cs.....lb. 1.10 - 1.20
Yacca,[1] red gum, coarse.....lb. .09-
powdered.....lb. .07¼- —
Gypsum, Keene's cement, paper bbls., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
bgs., New Brighton, N. Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of paris, paper bgs., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Akron, N.Y., Blue Rapids, Kansas; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton. 8.00 - —
Saltville, Va.....ton. 9.00 - —
Gypsum, Terra Alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla..ton.12.00 - —
Harlem River, N.Y..ton.12.00 - —
Import, bgs., ex dock.....ton. No prices

H

Hawthorn berries, bgs.....lb. 1.10 - 1.15
Heliotropin, cryst., cns.....lb. 5.25 - 5.50
Hellebore root, white, powd., bbls. lb. .46 - .47
Helonias root, bls.....lb. .82 - .83
Hematine, cryst., bgs., No. 1...lb. .34 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bxs., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .0335- —
tanks, works.....lb. .0325- —
Hempseed, Manchur., bgs.....lb. .14½- .15
Henbane leaves, bbls.....lb. 1.90 - 2.10
Henna leaves, bls.....lb. .19 - .20
powd., bbls., bxs.....lb. .25 - .26
Heptane,[1] 56°-100° C, industrial grade, dms., l.c.l., Group 3...gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
laboratory grade, dms., c.l., Group 3.....gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3.....gal. .55 - —
77°-115°, industrial grade, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3Ngal. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[2,3] tech., dms., 1,500 lbs. or more, shipment, f.o.b. Perth Amboy or N.Y.C..lb. .32 - —
150 to 1,350 lbs., shipment, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipment, same basis..lb. .38 - —
5lb. ctns., same basis.....lb. .40 - —
Hexanes,[1] 60°-70°C., industrial grade, dms., c.l., Group 3, gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3.....gal. .55 - —
Hexanol, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, 25 oz. lots, bots..oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit. 4.35 - 4.50
Hops, NF, bls.....lb. .26 - .27
Horehound, bls.....lb. .11 - .14
Hydrangea root, bls.....No prices
Hydrastine, bots., 4 ozs....oz.20.00 - —
Hydrochloride, bots., 4 ozs....oz.20.00 - —
Sulphate, bots., 4 ozs.....oz.29.00 - —
Hydrastinine, 15 grs., bots..bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
5lb. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. River; West Coast via Panama Canal..lb. .16 - .18½
Hydroquinone, dealers, bbls., dms., lb. .90 - .94
Hydroxycitronellal, cns.....lb. 6.25 - 7.50
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots.....oz.37.50 - —
Hydrobromide, bots.....oz.37.50 - —
Sulphate, bots.....oz.37.50 - —
Hypernic, cryst., bgs., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .19 - —

I

Iceland moss, bls.....lb. 1.45 - 1.50
Ichthyol, bots.....No stocks
Indian red (see Red Indian).
Indigo, nat., chests.....lb. 2.14 - 2.20
synth., paste, bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .83
Indium metal.....oz.12.50 - —
Indol, CP, bots.....lb.28.00 -30.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.67 - —
kgs., 150 lbs., less 2% ex whse., Staten Island..lb. 1.35 - 1.44
resubl., 5-lb. bots.....lb. 2.10 - —
50-lb. bots.....lb. 2.00 - —
Iodoform, 100-lb. dms.....lb. 3.95 - 4.10
jars.....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.75 - 2.80
beta, bots.....lb. 3.00 - 3.25
Methyl, alpha, 100%, cns....lb. 4.35 - —
Ipecac root, bgs.....lb. 1.75 - 1.85
powd., bgs.....lb. 1.85 - 1.95
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 80-90 mesh, bbls..lb. .32 - .33
prime bleached, bls.....lb. .48 - .50
powd.....lb. .52 - .53
Iron acetate, USP IV, 100-lb. cbys..lb. .17 - —
50 lbs., djns.....lb. .18 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., llvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 300-lb. dms..100 lbs. 4.85 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .08
kegs, works, frt. alld. or equald..lb. .07½- .08
USP X, cryst., lump, bbls..lb. .07½- —
kegs.....lb. .08½- —
solut., cbys., works, frt. alld. or equaled..lb. .06½- .07½
djns.....lb. .07½- —
Citrate, USP VIII, pearls....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales.....lb. .77 - .80
Glycerophosphate, bbls., 1,000-lb. lots..lb. 3.30 - 3.39
100-lb. lots.....lb. 3.40 - 3.49
cns., 25 lbs.....lb. 3.52 - 3.62
Hyposulphite, bbls., dms.....lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.52
syrup, cbys.....lb. .39 - .40
bots.....lb. .53 - .59
Nitrate, red, tech., dms.....lb. .03¼- .04
Oxalate, powd., kgs.....lb. .47 - .49
cns.....lb. .52 - —
pearls, cns.....lb. .82 - —
Oxide, black (see Black iron oxide).
Phosphate, ferric, pearls cns. 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Pyrophosphate, pearls, cns...lb. .59 - .63
scales, cns.....lb. .64 - .67
Reduced, 99%, cs.....lb. .65 - .75
Sulphate, tech. (see Coppers and ferric sulphate).
USP, cryst., 275-lb. bbls...lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., 2,000-lb. lots, dms.lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
pearls, 2,000-lb. lots, dms.lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
scales, 2,000-lb. lots, dms..lb. .44 - —
200-lb. lots, dms.....lb. .47 - —
Prices on green are the same as for brown.
Iron-ammonia oxalate,[2] bbls...lb. .23½- —
dms., kgs.....lb. .25½- —
Iron-soda oxalate, bbls.....lb. .23½- —
dms.....lb. .25½- .26½
Isobutyl acetate 53-gal. dms., works..lb. .0860- —
tanks, works.....lb. .0760- —
Propionate, dms., works.....lb. .102 - —
Isopentane, 50-gal. dms., single, works..gal. .45 - —
10-gal. dms., single, works.gal. .55 - —
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .12 - —
dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, frt. alld..lb. .11¼- —
tanks, E. of Rockies, frt. alld. lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .06 - —
l.c.l.....lb. .06¼- —
tanks.....lb. .04½- —
Isopropylamine, dms., works...lb. .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .45 - .62
powd., bbls., bxs.....lb. .52 - .53
resin, lump, 100-lb. lots, cns.lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berres, bgs.....lb. .30 - .32

K

Kamala, tins.....lb. .39 - .40
Kaolin (see China clay).
Kava kava root, bls.....lb. .27 - .28
Kerosene[1] at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .068 - —
California (f.o.b. San Francisco), truck..gal. .11½- —
Gulf ports, 41-43, bulk....gal. .03¾- .04½
Arkansas, 41-43 w.w., bulk, car lots..gal. .04¾- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04½- —
Pennsylvania, 43-44 and 47, w.w., tanks..gal. .06½- .07¾
Kola nuts, bgs.....lb. .08 - .11

L

Lady, slipper, root, bls.....lb. .50 - .90
Lanolin (see Adeps lanae).
Lard,[1,3] city, trcs.....100 lbs.13.80 - —
Western, choice, trcs....100 lbs.13.80 - —
Larkspur seed, bgs.....lb. 3.75 - 4.00
Laurel berries, bls.....lb. .25 - .26
Leaves, Greek, bls.....lb. .55 - .56
Cyprus, bls.....lb. .34½- .35
Portuguese, bls.....lb. .15 - .16
Spanish.....lb. .32 - .33
Lavender flowers, ordinary, bls.lb. .70 - .75
medium, bls.....lb. .80 - .85
select, bls.....lb. .90 - .95
Lead,[1] metal (see paint market).
Acetate,[2] white, broken, bbls.lb. .12½- —
cryst., bbls.....lb. .12¾- —
gran., bbls.....lb. .13¼- —
powd., bbls.....lb. .13¾- —
Arsenate,[2] bls., c.l.....lb. .11 - .12
bgs., l.c.l.....lb. .11½- .12½
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., dlvd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms., 100 lbs...lb. .49 - —
Iodide, NF V, powd., 5-lb. bots., lb. 2.80 - —
jars.....lb. 2.60 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .21¼- —
1 to 5 ton lots, same basis, lb. .19¾- —
Nitrate, bbls.....lb. .12½- —
Peroxide, powd., bbls., tech..lb. .23 - —
Oleate, bbls.....lb. .17¾- —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
5 tons, dlvd. Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09¼- —
smaller lots, Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10¼- —
other points.....lb. .10 - —
97% Pb_3O_4, bbls. (20 tons), dlvd., Ala., etc..lb. .09¼- —
other points..lb. .09¾- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 - —
Colo., etc.....lb. .10¼- —
Ariz., etc.....lb. .10¾- —
other points.....lb. .09¾- —
smaller lots, dlvd., Ala., etc..lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
Lead, red, dry, 98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09¾- —
other points..lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10¼- —
other points.....lb. .10 - —
smaller lots, dlvd., Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, 25% min., 100-lb. kgs., lb. .14 - —
Resinate, fused, 15%, bbls., c.l..lb. .10 - .12
pale, bbls., c.l.....lb. .12 - .14
6%, bbls., c.l.....lb. .09½- .10½
l.c.l.....lb. .10¼- —
Silicate, bgs., 5 tons.....lb. .0730- —
smaller lots.....lb. .0750- —
Stearate, bbls.....lb. .31 - .33
Sulphate (see Lead, white basic sulphate).
Titanate, bgs., or bbls., c.l. (20 tons), works, frt. alld. lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Coast, ex whse...lb. .11¾- —
smaller lots, E., frt. alld.lb. .11½- —
Pac. Coast, ex whse...lb. .11½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08½- —
other points.....lb. .08¾- —
l.c.l., dlvd. Ariz., etc...lb. .08¾- —
other points.....lb. .08¼- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¾- —
l.c.l., dlvd., Ariz., etc.lb. .08 - —
other points.....lb. .07½- —
in oil, consumers, 100-lb. kgs..lb. .13¾- —
dealers, 100-lb. kgs....lb. .11¾- —
painters, 100-lb. kgs....lb. .12¾- —
Consumers' prices and painters' prices are ½c. lower on orders of 500 lbs. or more.
Lecithin, edible, dms., c.l....lb. .28½- —
l.c.l.....lb. .29 - .43
tech., dms., c.l.....lb. .26 - —
l.c.l.....lb. .26½- .37½
in cocoa butter, dms., c.l....lb. .40½- —
l.c.l.....lb. .41 - .55
Lemon peel, bls.....lb. .35 - .46
Licorice extract, mass, cns....lb. No prices.
powd., bbls.....lb. No prices.
root, natural, bls.....lb. .12 - .18
powder, bbls., bls.....lb. .22 - .26
select, bbls., cs.....lb. 1.05 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Adams, Mass.....ton. 8.00 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn..ton. 6.25 - —
Eagle Mountain, Va..ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal...ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.50 - —
hydrated, f.o.b. Adams, Mass. ton. 8.50 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N.J.....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistikue, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal...ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bgs., f.o.b.:—
Adams, Mass.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J.....ton. 8.50 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kans., Okla., Tex..lb. No price
dms., same oasis.....lb. No price
400 lbs. or more, bgs., same basis..lb. No price
dms., same basis.....lb. No price
Lime-sulphur, dry, dealers, bgs., less than 400 lbs., same basis..lb. No price
dms., same basis.....lb. No price
Solution, Zone 1, dms., consumers..gal. No price
Zone 2, tanks, dealers, wks. gal. No price
30-50, dms.....gal. No price
Zone 3, tanks, dealers, dlvd. gal. No price
30-50, dms.....gal. No price
Zone 4, tanks, dealers, wks. gal. No price
dms., wks., except Cal.gal. No price
Zone 5, dealers, dlvd.....gal. No price
dms.....gal. No price
Zone 6, tanks, dealers....gal. No price
30-50, dms.....gal. No price

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C. except the counties of Ashe, Surry, Stokes, Rockingham and Allegheny; Tenn., east of Tenn. river. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minn., Mo. and Tenn. west of Tenn. river; Penn., eastern ter, and W. Va. western tier. Zone 4: West of Rocky Mountain, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.

Linalool, cns.....lb. 6.75 - 8.25
Linalyl acetate, 70% to 80%, cns. lb. 5.50 - 6.00
90%, cns.....lb. 6.50 - 6.75
92%, cns.....lb. 7.00 - 7.25
Linden flowers, bls.....lb. 1.10 - 1.60
without leaves, bls..... No stocks
Linseed meal, 32%, sacks, f.o.b. New York, January delivery..ton. No prices
Litharge, com'l powd., bbls., 20 tons, dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
dlvd. other points.....lb. .08 - —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash...lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash...lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08¼- —
smaller lots, dlvd. Ala., etc. lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09¼- —
Other points.....lb. .09 - —
Lithium bromide, bbls., 100 lbs., works, frt. equald..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, NF VI, 250-lb. bbls. lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70

Lithium, citrate, 250-lb. bbls..lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Hydroxide, jars.....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Lithopone,[1] titanated (high strength), bgs., c.l., (20 tons)..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l. (29 tons).....lb. .0585- —
smaller lots.....lb. .0610- —
ordinary, bgs., c.l. (20 tons)..lb. .04½- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —

Lithopone in car lots is ¼c. per lb. higher delivered to the Pac. Cst. and in less car lots is ½c. higher ex whse., Pac. Cst.

Livarwort, leaves, bls.....lb. .60 - .62
Lobelia, herb, bls.....lb. .33 - .34
Lobeline sulphate, bots., works, oz.25.50 -38.00
Logwood, cryst., No. 1, bgs....lb. .28 - —
No. 2, bgs.....lb. .26 - —
extract, liquid, No. 1, bbls..lb. .14 - —
No. 2, bbls.....lb. .13 - —
No. 5, bbls.....lb. .12½- —
No. 4, bbls.....lb. .10 - —
solid, No. 1, bxs.....lb. .23½- —
No. 2, bxs.....lb. .21½- —
Lovage root, dom., bls.....lb. .55 - .60
imported, bls.....lb. 4.50 - —
Lupulin, N.E., tins.....lb. 1.50 - 1.60
Lycopodium, cs.....lb. 7.50 - 8.00

M

Mace,[1] Bands, cs.....lb. .90 - .91
Siauw, No. 1, cs.....lb. .70 - .71
West Indian, cs.....lb. .70 - .71
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia, arsenate,[6] dms.....lb. .18 - .20
Calcined tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls.,.....lb. .07½- —
kgs. .....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls. .....lb. .07½- —
kgs. .....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls. .....lb. .08¼- —
kgs. .....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .09 - —
bbls. .....lb. .09¼- —
kgs. .....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls. .....lb. .09½- —
kgs. .....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
l.c.l., bgs.....lb. .08¾- —
bbls. .....lb. .09¼- —
kgs. .....lb. .10½- —
Other points.....lb. .06 - —

Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md., c.l. shipments, frt. equall. with Philliipsburg, Ambler, Plymouth Meeting, Valley Forge, and New York. On l.c.l. shipments, frt. alld., includng dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U. S.; prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Magnesium, chloride, anhyd., dom., bbls., dlvd..lb. .13 - —
flake, dom., bbls., works., c.l., ton.32.00 - —
l.c.l., bbls., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .40 - .50
Hydroxide, med., 200-lb. bbls.lb. .25 - —
25-lb. dms.....lb. .30 - —
100-lb. kgs.....lb. .26 - —
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 - .35
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .18 - .20
Stearate, bbls., tun lots.....lb. .31 - —
less than ton lots.....lb. .32 - —
Sulphate (see Epsom salt).
Trisilicate, 1,000-lb. contracts, dms..lb. .27 - —
smaller lots, dms.....lb. .42 - —
cs., 500-lb. lots.....lb. .40 - —
100-lb. lots.....lb. .42 - —
5-lb. cns.....lb. .60 - —
Magnesite, cal., dom., bgs., pwd., f.o.b. mines, Calif..ton.58.75 - —
l.c.l., dlvd., N. Y.....ton.84.00 -90.00
dead-burned, dom.,[4] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -40.50
Malva flowers, black, bls.....lb. 1.75 - 2.00
blue, bls.....lb. 2.25 - 2.50
Leaves, bls.....lb. .40 - .55
Manaca root, bls.....lb. .24 - .25
Mandrake root, bls.....lb. .18 - .19
Manganese acetate, dms.....lb. .26½- —
Arsenate,[6] bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .17
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .14 Nom.
Manganese, dioxide, African, battery, 84-87%, bbls., 28-40 tons, works..ton.74.00 - —
5-15 tons, works.....ton.77.00 - —
½, 4 tons, works.....ton.82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works....ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works.. ton.71.75 - —
l.c.l., 5 tons, works....ton.74.75 - —
smaller lots, works..ton.79.75 - —
paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works...ton.73.00 - —
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.05 - 3.14
100-lb. lots.....lb. 3.15 - 3.25
cns., 25 lbs.....lb. 3.27 - 3.36
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms....lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Resinate, fused, 3½%, bbls...lb. .09 - .10½
precip., dms.....lb. .14½- .15½
Sulphate, anhyd., tons lots, works..lb. .11¼- —
single dms., works.....lb. .11½- —
feed grade, 77-80%, c.l....lb. .06¾- —
l.c.l. .....lb. .06½- —
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd. eastern points, ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton.66.50 - —
industrial grade, 80% $MnSO_4$, c.l..lb. .05 - —
l.c.l. .....lb. .05½- —
Mangrove bark, lf, and when, available, bxs.....ton.60.00 - —
Manna flake, large, cs.....lb. No stocks
small, cs.....lb. 3.40 - 3.45
Mannitol,[6] com'l grade, bbls., ton lots, works..lb. .35 - —
smaller lots, works.....lb. .40 - —
reagent grade, 50-lb. cs., or multiples, works..lb. .35 - —
Marjoram,[1] Chilean, bls.....lb. .46 - .46
in transit, bls.....lb. .40 - .41
French, bls.....lb. .84 - 1.15
Tunisian, bls.....lb. .60 - .65
Matico leaves, bls.....lb. .22 - .29
Menthol, natural, cs.....lb.14.00 Nom.
synthetic, USP, cs.....lb.13.00 - —
technical, 60-lb. cs.....lb. 6.00 - —
smaller lots.....lb. 6.50 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs..lb. 1.44 - —
25 lbs.....lb. 1.46 - —
50%, pails, 50 lbs.....lb. 2.09 - —
25 lbs.....lb. 2.11 - —
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[3] (see Corrosive sublimate).
Bisulphide,[3] 5-lb. bots.....lb. 3.02 - —
100-lb. fib. dms.....lb. 2.89 - —
25-lb. jars.....lb. 2.91 - —
Chloride[3] (see Calomel).
Cyanide,[3] cryst.....lb. 4.00 - 4.05
powd. .....lb. 4.00 - 4.05
Iolide,[3] red, NF, 5-lb. bots..lb. 4.65 - 4.71
100-lb. fib. dms.....lb. 4.60 - —
yellow, 5-lb. bots.....lb. 4.76 - 4.81
fib. dms., 100 lbs.....lb. 4.70 - —
Nitrate ointment (see Citrine ointment).
tech. (see Red, mercury oxide).
Oxide,[3] yellow, tech. (see Yellow, mercury oxide).
NF VI, fib. dms., 50 lbs. or more..lb. 3.88 - —
red,[3] NF (see Red precipitate).
Mercury and chalk,[3] 5-lb. cns..lb. 1.88 - —
25-lb. fib. dms.....lb. 1.80 - 1.88
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks .....lb. .10½- —
Metal leaf, Japanese, pkgs. of 20 books (500 leaves), aluminums, 5½x5¼ in..pkg. 2.50 - —
composition, 5½x5½ in.....pkg. 3.00 - —
gold XX, deep, 23K, 3⅜x3⅜ in. pkg.15.00 - —
silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluilin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine,[6] kgs..lb. .65 - —
Metatoluylenediamine,[6] kgs....lb. .70 - —
Methanol,[1,6] natural, producer group A, all grades, E. of Miss. R., dms., c.l..gal. .66 - —
l.c.l. .....gal. .76 - —
tanks .....gal. .60 - —

Methanol prices W. of Miss. R. are 3c. per gal. higher.

pure, group B, tanks, frt. alld., Zone 1..gal. .50 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .54 - —
Zone 4.....gal. .54½- —
dms., c.l., Zone 1.....gal. .55¾- —
Zone 2.....gal. .57¾- —
Zone 3.....gal. .59½- —
Zone 4.....gal. .61½- —
l.c.l., Zone 1.....gal. .58½- —
Zone 2.....gal. .75¾- —
Zone 3.....gal. .62¾- —
Zone 4.....gal. .75¾- —

Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Tenn., R. I., Vt., Va., W. Va., Wisc.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., Nev., N Mex., Ore., Utah, Wash.

Methanol, synthetic,[2,6] pure, dms., c.l., Zone 1, frt. alld. gal. .34½- —
2, frt. alld. or dlvd..gal. .36½- —
3, frt. alld.....gal. .38½- —
4, frt. alld.....gal. .40½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .37 - —
2, frt. alld.....gal. .42½- —
3, dlvd., S. F. and L. A. gal. .41 - —
4, frt. alld. or dlvd..gal. .52½- .56½
tanks, Zone 1, frt. alld...gal. .28 - —
2, frt. alld.....gal. .30 - —
3, frt. alld.....gal. .32 - —
4, frt. alld.....gal. .32½- —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N.Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, C.P., 97-99%, dms., c.l., E. of Miss. R. lb. .10¼- .12
W. of Miss. R.....lb. .11½- .13
Miss. R..lb. .11 - .14
l.c.l., dms., dlvd. E. of W. of Miss. R.....lb. .12 - .13½
tanks, dlvd. E. of Miss. R. lb. .09¼- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .08 - .09
l.c.l., dlvd. E. of Miss. R., lb. .07½- .11
dlvd. W. of Miss. R..lb. .07½- .10½
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .23½- —
Acetone, natural, dms., E. of Rockies, frt. alld., c.l..gal. .81 - —
l.c.l., same basis.....gal. .93 - —
tanks, same basis.....gal. .75 - —

Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

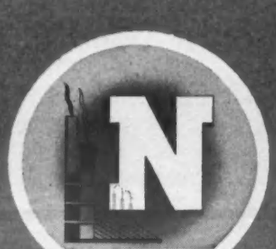
Synthetic, tanks, Zone 1..gal. .42 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —
dms., c.l., Zone 1.....gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —

Alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.35 - 2.65
Benzoate, cns., 25 lbs.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .90
cyls. .....lb. .65 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl. mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —

ENCO SOLICITS INQUIRIES
FOR

Benzaldehyde
Tartaric Acid
Rochelle Salt
Phosphoric Acid
Acetic Acid

Lecithin
Cream of Tartar
Tartar Emetic
Boric Acid
Sodium Fluoride



ENCO CHEMICAL CORPORATION
FORMERLY NEUBERG CHEMICAL CORP.
441 LEXINGTON AVENUE, NEW YORK CITY • TELEPHONE MU 6-1990

Methyl chloride, refrigeration, tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., dlvd..lb. .70 - —
Iodide, bots.....lb. 4.00 - 4.15
cns.....lb. .37 - .40
Salicylate, dms.....lb. .35 - .37
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylcellulose, specl, vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld.lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
std. vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .55 - —
100 to 1,999 lbs., frt. alld.lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .22 - —
Methylcyclohexanone, 98-100%, dms., works..lb. .32 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrigeration, dms., works..lb. .18 - .22
solvent, dms., works.....lb. .12 - .15

Methylethyl ketone, dms., tech., frt. pd. E. of Rocky Mts..lb. .09 - —
l.c.l., same terms.....lb. .09½- —
tanks, same terms.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .00 - —
Methylisobutyl ketone, dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½- —
Methylnaphthyl ketone, dom., crys., cns..lb. 3.00 - 3.10
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.17.00 - —
400 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.19.50 - —
Mica, dry grd., amber, No. 4 quality, c.l..ton.30.00 - —
l.c.l., 5,000 lbs.....ton.40.00 - —
1,000 lbs.....lb. .02 - —
500 lbs.....lb. .02½- —
100 lbs.....lb. .03 - —
refined, c.l.....ton.20.00 - —
l.c.l., 5,000 lbs.....ton.30.00 - —
paint, c.l.....ton.55.00 - —
l.c.l., 5,000 lbs.....ton.65.00 - —
white, No. 1 quality, c.l..ton.35.00 - —
l.c.l., 5,000 lbs.....ton.45.00 - —
1,000 lbs.....lb. .02½- —
500 lbs.....lb. .03 - —
roofing, c.l.....ton.29.00 - —
l.c.l., 5,000 lbs.....ton.39.00 - —
paint, c.l.....ton.60.00 - —
l.c.l., 5,000 lbs.....ton.70.00 - —

Mica, wet grd., paint or lacquer, c.l..lb. .04½- —
l.c.l.....lb. .05 - —
paper, wall, or coated, c.l.lb. .04½- —
l.c.l.....lb. .05 - —
rubber, c.l.....lb. .04½- —
l.c.l.....lb. .04¾- —
biotite, c.l.....lb. .03¾- —
l.c.l.....lb. .04¼- —

Mica, dry grd., is quoted in bags at the works; wet grd. mica in car-load lots is frt. alld. E., and in less than car-load lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per pound higher west of the Mississippi.

Milk powder, skimmed,[3] roller, Zone A, bulk, and quantity, bbls...lb. .13½- —
Zone B, same basis....lb. .13¾- —
spray, roller, Zone A, same basis..lb. .15½- —
Zone B, same basis.....lb. .15¾- —

Milk powder, skimmed, when sold by manufacturers to the U. S. Government or any agency thereof, is l.c. less than the above prices on skimmed milk powder as sold to any consumer other than the U. S. Government or any agency thereof. Zone A is all states not included in Zone B. Zone B is Penna., N. Y., Md., Del., N. J., Conn., Mass., R. I., N. H., Vt., Me., and the Dist. of Columbia.

Milk powder, whole, roller, bbls., c.l..lb. .29 - —
l.c.l.....lb. .29½- —
spray, bbls., c.l.....lb. .30 - —
l.c.l.....lb. .30½- —
Milk sugar, bbls., c.l.....lb. .25 - —
l.c.l., 10 bbls. or over....lb. .26 - —
less than 10 bbls.....lb. .27 - —
Millet seed, yellow, bgs.....lb. .03¾- .04¼
early fortune, bgs.....lb. .03¾- .04¼
hulled, bgs.....lb. .07 - .12

Mineral spirits (see Petroleum thinners and V. M. & P. naphtha).
Molasses, blackstrap, tanks, f.o.b. works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.20.00 - —
Area 4, same basis....ton.24.20 - —
Area 5, same basis....ton.33.20 - —

Note—Area No. 1 is La., Fla., Tex. and Ga. Area No. 2 is N.Y., Penn., Md., Mass. and N.J. Area No. 3 is Ore., Wash. and Calif. Area No. 4 is Id., Utah, Mont., Colo., Wyo., Kan., S.D. and Neb., excluding Grand Island. Area No. 5 is Ind., Mich., Ohio, Wis., Minn., Ia. and Grand Island, Neb.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[4] kgs., 99%, powd..lb. 2.60 - 3.00
trioxide,[4] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monoethanolamine,[4] dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks.....lb. .23 - —
Monoethylamine, basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monochlorobenzene, dms., c.l..lb. .05½- —
55 gals.....lb. .07 - —
10 gals.....lb. .08 - —
5 gals.....lb. .09 - —
tanks.....lb. .05 - —
Monoethylaniline, dms.....lb. .47 - —
Monomethylamine, dms.....lb. .63 - —
Monomethylpara-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromide, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, powd., 5-oz. bots., oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works..lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13
flowers, cns.....lb. 1.75 - 2.10
Musk, nat., Tonquin, grains, bots., oz.37.00 -40.00
synth, ambrette, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more, lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more..lb. 1.40 - 2.80
25 lbs. to 75 lbs.....lb. 1.50 - 2.90
5 lbs.....lb. 1.65 - 2.90
Musk root, bls.....lb. 2.25 - 2.80
Mustard seed, California, brown, good, bgs..lb. .14½- .15
yellow, bgs.....lb. .08 - .08¼
Montana, yellow, bgs.....lb. .06 - .06½
Washington, yellow, bgs.....lb. .06 - .06¼
Myrobalans, J1, bgs., f.a.s...ton.65.00 - —
J2, bgs., f.a.s.....ton.60.00 - —
Extract, liquid, 25%, bbls....lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, bbls.....lb No prices

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude,[4] dom., 74 deg., tanks, works..100 lbs. 2.75 - —
78 deg., tanks, works..100 lbs. 3.00 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..100 lbs. .08 - —
50-lb. cs., same basis....lb. .08¼- —
pkgs. (16-oz.), same basis.lb. .08½- —
(12-oz.), same basis...pkg. .07 - —
Neocinchophen, USP., 100-lb. lots, dms..lb. 7.00 - —
50-lb. lots.....lb. 7.05 - —
25-lb. lots.....lb. 7.10 - —
Nerolin, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[4] carbonate, bbls.....lb. .36 - .38½
Chloride,[4] bbls.....lb. .18 - .20
Cyanide,[4] 100 lbs., dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide,[4] black, bbls.....lb. .35 - .38
Salt,[4] bbls.....lb. .13 - .13½
Nicotine,[3] sulphate, 40%, dms., works, frt. alld..lb. .703 - —
10-lb. tins.....lb. .86½- —
Nicotinamide, 25 to 100-lb. lots, bots..lb. 7.00 - —
5-lb. lots, bots.....lb. 7.10 - —
Niger seed, bgs.....lb. .14½- .15
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .06 - —
l.c.l.....lb. .09 - —
tanks.....lb. .07 - —
Nitrocellulose, ester-soluble,[4] 50-55, ¼, ½ sec., bbls., dry weight, l.c.l., works..lb. .26 - —
5-6, 15-20 sec. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitroethane, dms., l.c.l., works.lb. .25 - —
Nitrogenous fertilizer material, dom., 10% ammon., bulk, f.o.b. Carrollville, Wis..unit-ton. 3.00 Nom.
Chemical, Ill., Nov.-Dec. shipments..unit-ton. 2.90 - —
Norfolk, Va.....unit-ton. No prices
Nitromethane, lms., l.c.l., wks.lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane I, dms., l.c.l., works, lb. .25 - —
II, dms., same basis.....lb. .25 - —
Nutgalls,[4] Aleppo, bgs.....lb. No prices
Chinese, whole.....lb. .43 Nom.
Extract (see Gall extract).
Nutmegs,[3] E. I., bgs., cs.....lb. .42 - .43
West Indian, bgs.....lb. .35 - .36
Nux vomica, bls.....lb. .09 - .11
powd., bbls., bxs.....lb. .12 - .16

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .0385- —
tanks.....lb. .0325- —
Ocher (see Yellow).
Octane,[3] 100-140° C., industrial grade, dms., c.l., G.3..gal. .15½- —
l.c.l., G.3.....gal. .29 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —

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ORANGE
U.S.P.
QUALITY
Buyers agree that Exchange Oil of Orange U.S.P. is the finest orange flavor they can put in their products. And even more they appreciate that they can depend on it to give the true orange flavor and aroma, year in and year out.
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Octanol, normal. tech., 360-lb. dms., dlvd..lb. .85 - —

Oil, almond, bitter, artif. (see Benzaldehyde)
natural, USP, bots.....lb. 3.50 - 6.00
sweet, true, exp., dms., cns., lb. 1.70 - 2.00

Amber, crude, cns.....lb. No stocks
refd., cns. .....lb. No stocks.

Angelica, root. bots.....lb.140.00 - —
seed, bots.....lb.120.00 -140.00

Anilin (see A).

Anise, USP, cns., dms.....lb. 2.75 - 3.25

Apricot, kernel, cns.....lb. .38 - .55

Avocado, cns., dms.....lb. .80 - .95

Babassu,[1,5] tanks.....lb. .1110- —

Bay, W. I., 50-55% phenols, cns..lb. 1.55 - 1.85
Porto Rican, 55-60% phenols, cns..lb. 1.65 - 1.90

Bergamot, artif., cns.....lb. 2.25 - 9.85
natural, Italian, coopers...lb.22.00 -35.00
Brazilian, cns.....lb.10.00 -10.25

Birch (see Oil, sweet, birch).

Birchtar, crude.....lb. 2.00 - 2.25

Bois de Rose, Brazil, cns....lb. 4.25 - 5.75
rectified, cns.....No stocks

Bois le Rose, Brazil, cns...lb. 4.25 - 5.75
Mexican (see Linaloe, wood).

Bone, dms., works.....gal. .65 - .70

Cade, USP IX (see Oil, juniper tar).

Cajeput, tech., dms.....lb. 1.90 - 2.25
free from metal, cns.....lb. 2.05 - 2.10
redistilled, cns.....lb. 2.20 - 2.30

Calamus, cns.....lb. No stocks

Camphor, sassafrassy, cns...lb. .45 - .55
dms. .....lb. No prices
white, cns.....lb. .30 - .48
dms. .....lb. No prices.
dom., tech.....lb. .15 - —

Cananga, native, cns.....lb.18.00 -17.00
rectified, cns.....lb.17.50 -18.00

Capsicum (oleoresin), USP VIII, cns..lb. 3.75 - 5.50

Caraway, USP, cns.....lb.14.00 -17.00

Cardamom, bots.....lb.24.00 -34.00

Cassia, USP, cns.....lb.10.25 -12.00

Castor,[1,5] blown, dms., returnable, c.l..lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls., c.l., lb. .14 - —
l.c.l. .....lb. .14½- —
cns. (1-gal.), l.c.l.....lb. .17¾- —
cns. (1-gal.), l.c.l.....lb. .15¾- —
dms. (returnable), c.l...lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehydrated, dms. .....lb. .1860- —
l.c.l. .....lb. .1900- —
extracted, No. 3, tech., bbls., c.l..lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms. (returnable), c.l....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (45% fat), dms., c.l..lb. .10 - —
l.c.l. .....lb. .11 - —
75% (63% fat), dms., c.l., lb. .12½- —
l.c.l. .....lb. .13¼- —
80% (65% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13¼- —

Cedarleaf, USP, cns.....lb. 1.25 - 1.50
technical, cns.....lb. .90 - 1.10

Cedarwood, Southern, dms...lb. .65 - .90
Texas, bots.....lb.35.00 -80.00

Chaulmoogra, USP, cns.....lb. .65 - —

Chinawood,[1,5] dms.....lb. .39 - —
tanks .....lb. .3875- —

Cinnamon, bark oil, bots....lb.25.00 -40.00
leaf oil, dms.....lb. 2.25 -

Citronella, Ceylon, cns.....lb. 1.25 - 1.50
Java, cns.....lb. 2.75 - 3.00

Clove, makers, USP, cns....lb. 1.65 - 1.70

Coconut,[1,5] Manila, crude, bulk, c.i.f..lb. .0635- —
edible, ex tax.....lb. .0685- —

Cod,[5] Newf., dms.....gal. .90 - —
tanks .....gal. .85 - —

Codliver,[6] med., USP, 30-gal. bbls. or dms..bbl.80 00 -88.00

Coriander, bots.....lb.22.50 -38.00

Corn,[1,5] crude, tanks, works..lb. .12¾- —
refd., bbls.....lb. .15½ Nom

Cottonseed,[5] cooking, bbls....lb. .16¾- —
salad, bbls.....lb. .17 - —

Creosote (see C).

Croton, NF, cns.....lb. 3.00 - 4.00

Cubeb, USP, cns.....lb. 4.50 - 6.50

Crude (see Petroleum, crude)

Cumin, bots.....lb. 8.00 -10.00

Cypress, bots.....lb.12.00 - —

Degras (see D).

Dillseed, bots.....lb. 6.25 - 8.00
weed, bots.....lb. 5.85 - 6.25

Dip (see D).

Erigeron, cns.....lb. 2.10 - 3.85

Eucalyptus, 70-75%, cns.....lb. .94 - .96
80-90%, cns.....lb. 1.00 - 1.14

Fennel, sweet, cns.....lb. 3.25 - 4.50

Fishliver,[1,5] 6,000 to under 60,000 units per gram—per million units. .10 - —
60,000 to under 200,000 units per gram—per million units. .15 - —
200,000 or more units per gram—per million units. .25 - —

Fuel (see Petroleum, fuel oil).

Gaultheria (see Oil, wintergreen leaf)

Geranium, Algerian, rose, cns., lb.14.00 -18.00
Bourbon, cns.....lb.15.00 -20.00
Turkish (see Palmarosa).

Grapefruit, cns.....lb. 1.85 - 2.05

Grapeseed, dom., dms.....lb. .35 - .36
imported, dms.....lb. .20 - .25

Ginger, dist., bots.....lb.20.00 -24.00

Guaiac wood, concrete, bots..lb. 4.50 - 4.75

Hemlock, cns.....lb. 1.15 - 1.35

Juniper berry, cns.....lb. 9.00 -16.00
wood, tech., cns.....lb. 1.50 - 1.55

Juniper, tar, USP, dms.....lb. 1.25 - 1.35

Lard,[5] common, I, bbls.....lb. .14 - —
extra, No 1, bbls.....lb. .14½- —
winter, strained, bbls.....lb. .15 - —
prime, burning, bbls.....lb. .16 - —
prime, ined., bbls.....lb. .15½- —

Laurel, bots.....lb. 5.00 Nom.

Lavandin, cns., 25 lbs.....lb. 5.75 - 7.00

Lavender, flower, French, cns. lb. 8.25 -16.00
garden, cns .....lb. .55 - .70
spike, Spanish, tech., cns..lb. 3.60 - 3.85
dms. .....lb. 3.50 - 6.75

Lemon, Calif., cns.....lb. 3.25 - —
Messina, coppers, cns..... No stocks
Terpeneless .....lb.40.00 -55.00
Uruguay, to arrive, 10 kilo cans..lb. 6.00 - 6.25

Lemongrass, cns., dms.....lb. 1.30 - 1.90

Lime, dist., Mex., cns.....lb. 7.25 - 7.70
Jamaica, cns.....lb. 9.00 -11 50
expressed, Jamaica, cns....lb.11.00 -13.50

Lignaloe, wood, Mexican, cns. lb. 3.25 - 3.50
Brazilian (see Bois de rose)

Linseed, raw, dms., c.l.....lb. .1340- .1360
l.c.l. .....lb. .1360- —
5 to 9.....lb. .1400- —
less than 5.....lb. .1420- —
tankcar .....lb. .1300- .1320
tank wagon.....lb. .1320- .1340
Linseed oil drum shipments, plus $5 deposit per drum.
Boiled linseed oil, .004 over raw.

Oil, lubricating,[1] at refinery, ex tax, California, neutrals, pale, 200-600 vis., 2¼-4, tanks..gal. .07¼- .11
red, 200-900 vis., 4-6½ plus, tanks..gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks, gal. .22½- .23
neutral, 150-300 vis., 3, 0-10 pour, tanks..gal. .14½- .18
200-280 vis., 3, 15-25 pour, tanks..gal. .15 - .17½
Pennsylvania,[2] bright stocks, S color, 140-150 vis., 10-25 pour, tanks, gal. .24 - .30
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15¼
neutral, 70° F., S color, 200 vis., 0-25 pour, tanks..gal. .21 - .24
150 vis., 0-25 pour, tanks, gal. .23 - .26

Mace, dist. cns. dms.....lb. 4.50 - 6.50

Mandarin, Brazilian, cns....lb. 6.75 - 9.00
Italian, coppers .....lb.15.10 - —

Menhaden,[1,5] crude, tanks, Balto..lb. .0680- —
ref'd, alkali, ret. dms.....lb. .1270- .1290
kettle-bodied, ret. dms....lb. .1370- .1390
light-pressed, ret. dms...lb. .1170- .1190
tanks .....lb. .1090- .1100

Mineral, white (see Oil, white mineral).

Mustard, artif., USP, bots., cns..lb. 1.60 - 1.70

Seed,[1,5] exp., dms.....lb. .18½- —

Neatsfoot,[6] 15° c.t., bbls....gal. 1.90 - —
20°, bbls. .....gal. 1.80 - —
30°, bbls. .....gal. 1.60 - —
pure, bbls. .....lb. .18¼ Nom.

Neroli, bots.....lb. 300.00-375.00

Nutmeg, dist., cns., dms.....lb. 4.50 - 5.50

Oil, oiticica,[1,5] liquid, dms....lb. .25 - —
solid, dms.....lb. .23 - —

Oleo,[6] 1, bbls.....lb. .13¾ Nom.

Olibanum, bots.....lb. 4.50 - 5.00

Olive,[6] denat., dms.....gal. 3.50 - 4.00
edible, Calif., dms.....lb. 4.35 - 4.50
imported, dms. .....lb. 4.35 - 4.60

foots, dms.....lb. .19 Nom.

sulphonated, 50% (40% fat), dms. c.l..lb. No prices
l.c.l. .....lb. No prices
85% (69% fat), dms., c.l. lb. No prices
l.c.l .....lb. No prices
80% (69% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices

Orange, sweet, dist., cs.....lb. 1.00 - —
expressed, Calif., cns.....lb. 2.25 -
Argentine, 10-kilo cns....lb. 3.00 - 3.25
Brazilian, cns. .....lb. 1.45 - 1.65
Florida, cns., dms.....lb. 1.50 - 1.55
Messina, USP, coppers...lb. No stocks
Mexican, sponge-pressed, cns., lb 5.50 - 5.75
West Indian, cns.....lb. 6.00 - 6.25
sesquiterpeneless, bots....lb.195.00 - —

Origanum, Spanish, cs.....lb. 2.40 - 3.25

Palmarosa, cns. .....lb. 4.85 - 6.25

Palm,[1,5] Niger, bulk, c.i.f...lb. .0625- —

Paraffin,[1] 320° flash, 60-70 vis., tanks, G.S..gal. .06¼- —
350° flash, 70-80@100 vis., 0/10 pour..gal. .06 - —
100-100 vis., 0/10 pour....gal. .06¼- —
100-100 vis., 10/25 pour....gal. .06¼- —
90-95 vis., bbls., extra, Ind. refy..gal. .13 - —
100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
300° flash, 100-110 vis., tanks, G.S..gal. .05¾- —

Patchouli, cns.....lb. 6.45 - 9.00

Peanut,[1,5] crude, tanks, mill..lb. 13 -
refd., edible, bbls.....lb. .16¼ Nom.

Pennyroyal, dom., cns.....lb. 3.00 - 3.10
import cns.....lb 2.50 - 2.60

Oil, peppermint, natural, cns., dms..lb. 5.50 - 5.75
redist., USP, cns., dms....lb. 5.80 - 6.05

Perilla,[1,5] crude, dms.....lb. .2450- —

Petitgrain, Paraguay, cns....lb. 1.75 - 2.00
dms. .....lb. 1.70 - 1.95

Pimento berry, cns.....lb. 8.00 - 8.75
leaf, cns. .....lb. 4.75 - 5.25

Pine, tanks, works.....gal. .53 - —

Pineneedle, Siberian, cns.....lb. 3.00 - 3.25

Putty,[5] bbls., E. Segundo, Richmond, Cal..gal. .22¾- —
contracts .....gal. .19¼- —
dms., c.l., Whiting, Ind.gal. *.24 - —

Boston, Providence, same basis..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .26 - —

* Extra for bbls, but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,5] denat., bulk, c.i.f., lb. .1150- —
Red,[5] dms., dlvd.....lb. .12¾- .13¼
tanks, dlvd.....lb. .11½- —
Rose, natural, coppers.....oz.15.50 -25.00
Rosemary, Spanish, cns.....lb. 1.60 - 2.35
dms. .....lb. 1.50 - 2.25
Rosin, 1st rectified, dms....gal. .58 - —
2d rectified, dms.....gal. .60 - —
3d rectified, dms.....gal. .64 - —
Rue, bots. .....lb. 7.50 -13.50
Sage, Spanish, cns.....lb. 2.50 - 2.75
Sandalwood, domestic, distilled, NF, cns..lb. 6.00 - 6.10
Mysore, cns., case lots.....lb. 7.00 - 7.25
Sardine, crude,[1,5] tanks, Pac. Coast..lb. .0690- —
ref'd, alkali, ret. dms.....lb. .1270- .1290
kettle-bodied, ret. dms...lb. .1370- .1390
light-pressed, ret. dms...lb. .1170- .1190
tanks .....lb. .1090- .1100
Sassafras, artif., cns.....lb. 2.00 - 2.25
natural, dom., cns., dms...lb. 1.93 - 2.40

Available

PRODUCTS

Products which are available to the perfumer at reasonable prices.

Oil of Cedar Leaf American Pure
Exceptionally Fine Quality
Oil of White Cedar
II Distilled
III Distilled
Oil of Petitgrain South American 46% Ester
Linalyl Acetate
Linalool
Oil of Rosewood Brazilian
Ionone A. B.
Ionone Methyl
Aubepine
Para Cresyl Ethyl Ether
Para Cresyl Methyl Ether
Phenyl Ethyl Alcohol
Cyclamal
Indol
Oil of Balsam Fir
Oil of Pine Needles American
Oil of Juniper Leaves American
Phenyl AcetAldehyde DiMethyl Acetal
Methyl Napthyl Ketone
Alpha Amyl Cinnamic Aldehyde
Ethyl Methyl Phenyl Glycidate
Hydratropic Aldehyde

Requests for samples on your firms letterhead and further information will be promptly furnished

Aromatics Division

GENERAL DRUG COMPANY

644 Pacific St., Brooklyn, N. Y.

9 S. CLINTON STREET, CHICAGO 1019 ELLIOTT STREET, W., WINDSOR, ONT.

Oil, savin, cns.....lb. 16.00 -25.00
Savory, cns.....lb. 8.00 - 8.25
Sesame, tanks, Coast.....lb. .15 Nom.
shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 12.75 - —
Soybean,[1,6] crude, tanks, mill, lb. .1175- —
clarif., dms., spot.....lb. .1290- .1340
tanks.....lb. .1250- —
refd., varnish, dms.....lb. .1280- .1400
tanks.....lb. .1340- —
Spearmint, dms.....lb. 3.00 - 3.50
Sperm,[6] bleach, 38°, dms.....lb. .1301- —
48°, dms.....lb. .1278- —
natural, dms.....lb. .1223- —
Spruce, cns., dms.....lb. 1.15 - 1.35
Sunflower,[1,6] tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 4.75 - 5.00
South, cns.....lb. 2.50 - 4.75
Tall, crude, dms., c.l., works, ton. 55.00 - —
l.c.l., works.....ton. 60.00 -65.00
tanks, works.....ton. 40.00 - —
refined, dms., c.l., works.....lb. .05 - —
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[5] acidless, bbls.....lb. .14¼- —
tanks.....lb. 13¾- —
Tansy, cns.....lb. 2.00 - 2.90
Tar, pine, com'l, dms., c.l., dlvd. E. cities..gal. .33 - —
l.c.l., E. cities.....gal. .39 - —
tanks, dlvd. E. cities..gal. .34¼- —
rectified, USP, bbls., l.c.l., dlvd. E. cities..gal. .60 - —
Tar acid (see T).
Teaseed,[1] crude, dms.....lb. .29 Nom
refd., dms.....lb. .32 Nom.
Thyme, NF, red, cns.....lb. 2.50 - 4.00
white, cns.....lb. 2.85 - 4.75
Tung (see Oil, chinawood)

Oil, turkey red (see castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 8.50 - —
Vetiver, Java, bots.....lb. 25.00 -40.00
Whale, ref., natural, dms...lb. .1070- —
Winter, bleach, dms.....lb. .1110- —
Wheat germ, 100-gal. dms., dlvd..gal. 10.00 - —
25-gal. dms.....gal. 12.50 - —
10-gal. dms.....gal. 13.50 - —
5-gal. dms.....gal. 14.00 - —
1-gal. dms.....gal. 15.00 - —
White, mineral, dom., f.o.b. N. Y., tech., 50-93 vis., returnable dms., c.l..gal. .36 - —
l.c.l.....gal. .42 - .45
65/75 vis., c.l.....gal. .36 - —
l.c.l.....gal. .42 - .45
USP, 50/90 vis., dms., c.l..gal. .39 - —
l.c.l.....gal. .45 - .48
90/105 vis., dms., c.l., gal. .44½- —
l.c.l.....gal. .50½- .53½
125/135 vis., dms., c.l., gal. .49 - —
l.c.l.....gal. .55 - .58
145/155 vis., dms., c.l., gal. .51 - —
l.c.l.....gal. .57 - .60
175/185 vis., c.l....gal. .54½- —
l.c.l.....gal. .60½- .63½
200/210 vis., c.l....gal. .58 - —
l.c.l.....gal. .64 - .67
320/330 vis., c.l....gal. .65 - —
l.c.l.....gal. .71 - .74
335/345 vis., c.l....gal. .66 - —
l.c.l.....gal. .72 - .76
f.o.b. San Francisco, 55 vis., returnable bbls., c.l...gal. .40 - —
5 bbls.....gal. .45 - —
85 vis., c.l.....gal. .40 - —
5 bbls.....gal. .45 - —

Oil, white, mineral, dom., USP, for San Francisco, 100 vis., c.l..gal. .49½- —
145 vis., c.l.....gal. .57 - —
5 bbls.....gal. .62 - —
180 vis., c.l.....gal. .60½- —
5 bbls.....gal. .65½- —
340 vis., c.l.....gal. .72 - —
5 bbls.....gal. .77 - —
Russian .....gal. No prices
Wintergreen, natural, North, cns...lb. 5.50 - 8.50
South, cns.....lb. 4.00 - 5.25
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.75 - 3.00
Wormwood, cns.....lb. 4.25 - 5.00
Ylang-ylang, Bourb., bots., cns., lb. 20.00 -23.00
Manila, bots.....lb. 40.00 -45.00
Olivine, aggregate, c.l., mines, ton. 7.00 -11.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
325 mesh, c.l., mines.....ton. 20.00 - —
200 mesh, c.l., mines.....ton. 17.00 - —
100 mesh, c.l., mines.....ton. 15.00 - —
20 mesh to dust.....ton. 12.00 - —
Opium gum, USP, 50-lb. lots, cns...lb. 13.00 - —
25-lb. lots, cns.....lb. 13.25 - —
5-lb. lots, cns.....lb. 13.50 - —
1-lb. lots, cns.....lb. 13.65 - —
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, Lake, Persian, bbls...lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. 12¼-

Orange mineral, Amer., 5 tons, dlvd. Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .12¾- —
5 tons, dlvd. Colo., Mont., N. M., Wyo..lb. .12¼- —
dlvd. other points...lb. .13 - —
smaller lots, dlvd., Ala., etc., lb. .12¾- —
Ariz., etc.....lb. .13¼- —
Colo., Mont., N.M., Wyo., lb. .13 - —
French, Tours, casks, ex dock, lb. No prices
kgs., ex dock.....lb. No prices
Molybdate,[6] bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - 1.05
Orangeflower petals, cs.....lb. .45 - .75
Orange peel, bitter, bbls.....lb. .30 - .31
sweet, bbls.....lb. .15 - .17
Haitian bgs.....lb. .09 - .10
Oregano, Mexican, bgs.....lb. .15½- .16
Orris root, whole.....lb. 1.00 - 1.25
powd., bbls., bxs.....lb. 1.10 - 1.25
Orthoamylphenol, c. l. l., dms., works..lb. .25 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochloroaniline, dms.....lb. .60 - .70
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol,[6] 30.4°C. Min. M. P., dms., c.l., works..lb. .17½- .18
l.c.l., same basis.....lb. .18 - .18½
Orthocresol, 29° Min. M. P., dms., c.l., works..lb. .16½- .17
l.c.l., same basis.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - .07½
l.c.l., same basis...lb. .07 - .08½
100-lb. tins, same basis...lb. .08 - .09
50-lb. tins, same basis.lb. .09 - .10
tanks, same basis.....lb. .05½- .06½
Orthodichlorobenzene prices west of Rockies, 1c. per lb. higher.
Orthonitroaniline, dms.....lb. .45 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bgs...lb. .28 - —
extract, bbls., No. 1.....lb. .11 - —
No. 2.....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 4.00 - 4.25
Paprika,[1] Portuguese, extra fancy, bgs..lb. .39 - .40
good, bgs.....lb. .37 - .38
Spanish, extra fancy, cs.....lb. .51 - .53
good, bgs.....lb. .42 - .45
medium, cs.....lb. .41 - .43
Parachlorophenol, dms.....lb. .42 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l..lb. .11 - .13
l.c.l.....lb. .12½- .15
Paraffin,[1] crude scale and semi-refined, 122-124 A.M.P., slack bbls. or solid in 100-kilo bgs., 10,000 lbs., f.o.b. refinery.lb. .04¼- —
124-126 A.M.P., same basis.lb. .04½- —
126-128 A.M.P., same basis.lb. .04¾- —
128-130 A.M.P., same basis.lb. .04¾- —
130-132 A.M.P., same basis.lb. .05 - —
132-134 A.M.P., same basis.lb. .05¼- —
134-136 A.M.P., same basis lb. .05½- —
fully refd., 120-122 A.M.P., bbls., slabs, loose, same basis..lb. .06 - —
123-125 A.M.P., slabs, loose, same basis..lb. .0520- —
120-122 A.M.P., slabs, loose, same basis..lb. .0520- —
128-130 A.M.P., slabs, loose, same basis..lb. .0560- —
130-132 A.M.P., slabs, loose, same basis..lb. .0585- —
131-133 A.M.P., slabs, loose, same basis..lb. .0585- —
133-135 A.M.P., slabs, loose, same basis..lb. .0615- —
135-137 A.M.P., slabs, loose, same basis..lb. .0640- —
138-140 A.M.P., slabs, loose, same basis..lb. .0715- —
141-143 A.M.P., slabs, loose, same basis..lb. .0765- —
143-145 A.M.P., slabs, loose, same basis..lb. .0810- —
145-150 A.M.P., slabs, cartons, same basis..lb. .0860- —
146-148 A.M.P., slabs, loose, same basis lb. .0930- —
149-151 A.M.P., slabs, loose, same basis lb. .1034- —
160-165 A.M.P., f.o.b. refinery, San Francisco, c.l..lb. .14 - —

Paraffin wax, crude and semi-refined, packed in 50-kilo bgs., is 10 points per lb. higher; prices on slabbed material are 20 points per lb. higher than on solid. Tankcar prices are 30 points less than barrel prices. Fully refined wax in bags is 40 points higher than slabs loose; fully refined wax in tankcars is 5 points lower than slabs loose prices.

Paraformaldehyde,[2,6] dms., 1,000 lbs. or more, shipments, f.o.b. Perth Amboy, Philadelphia or N.Y.C..lb. .23 - —
100 to 999 lbs., shipments, same basis..lb. .24 - —
Paranitrophenol, kgs.....lb. .35 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., works.lb. .12 - —
5 and 10-gal. dms., works..lb. .15 - —
USP, cns., cbys.....lb. .35 - .45
Paranisidine, dms.....lb. .75 - —
Paranitroaniln, kgs., works...lb. .45 - —
Paranitrochlorobenzene, kgs..lb. .15 - —
Paranitrotoluene, kgs.....lb. .30 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .48 - —
Pareira brava root, bls.....lb. .21 - .27
Paris green, dealer, dms., kgs., c.l., f.o.b. wks., frt. alld..lb. .24 - .26
l.c.l., same basis.....lb. .25 - .27
Passion flower, herb, bls.....lb. .07 - .08
Patchouli leaves, bls.....lb. .35 - .40
Peanut meal, 45-47% protein, Southern Alabama-Georgia mills, February delivery.ton. 35.00 - —
48-50%, same basis.....ton. 37.00 - —
51% or more, same basis.ton. 39.00 - —
Pectin 200-lb. bbls.....lb. .80 - —
Pellitory root, bls.....lb. .65 - .70
Pennyroyal leaves, bls.....lb. .15 - .16
Pentachlorophenol, dms., works, lb .20 - .25
Pentaerythritol, C.P., bbls., dlvd., lb .75 - —
less than barrel lots.....lb. 1.00 - —
tech., bbls., dlvd.....lb. .32½- .35¼
less than barrel lots.....lb. .40 - —
Tetra acetate, bbls., dlvd...lb. 1.00 - —
less than barrel lots.....lb. 1.50 - —
Pentanes,[2] 28°38° C., industrial grade, dms., c.l., G.S. gal. .11 - —
l.c.l., G.S.....gal. .19 - —
tanks, G.S.....gal. .06¼- .07¼
laboratory grade, dms., c.l., G.S..gal. .16 - —
l.c.l., G.S.....gal. .29 - —
10 gal., G.S.....gal. .55 - —

A New Name

INLAND STEEL-CONTAINER CO.

formerly

WILSON and BENNETT MFG. COMPANY

Operating under the same management installed by the Inland Steel Company several years ago.

INLAND STEEL CONTAINER CO.

Formerly WILSON & BENNETT MANUFACTURING COMPANY

6532 S. MENARD AVE. CHICAGO, ILLINOIS

Plants at Chicago—Jersey City—New Orleans—Richmond, Calif.

Sales offices in all principal cities

CONTAINER SPECIALISTS

Pepper, black,[1] 15 tons, bgs.	lb.	.0670 - .0675
50 to 100 bgs.	lb.	.0705 - .0715
White,[1] 15 tons, bgs.	lb.	.1161 - —
2¼ bgs.	lb.	.1265 - .1305
red, chillies, dom., Carolina longs, bgs.	lb.	.18½ - .19
Mombassa, bgs.	lb.	.23 - .24
Sierra Leone, bgs.	lb.	.22½ - .23
Peppermint leaves, dom., bls.	lb.	.40 - .45
import, bls.	lb.	.96 - 1.10
Perchlorethylene,[2] dms., c.l., works, frt. alld., zone 1,	lb.	.08 - —
l.c.l., same basis	lb.	.08½ - —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08½ - —
l.c.l., same basis	lb.	.09 - —
Perchlorethylene, Zone 3, dms., c.l., works, frt. alld.	lb.	.09 - —
l.c.l., same basis	lb.	.09½ - —
Zone 4, dms., c.l., f.o.b. stock point	lb.	.09 - —
l.c.l., same basis	lb.	.09½ - —

All prices on perchlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru balsam, dms.	lb.	1.40 - 1.45
Petrolatum, USP XII, amber, fiber dms., non-returnable, c.l., f.o.b. New York	lb.	.03¾ - —
l.c.l., same basis	lb.	.04¾ - —
extra amber, c.l., same basis,	lb.	.03¾ - —
l.c.l., same basis	lb.	.04¾ - —
cream, c.l., same basis	lb.	.04¾ - —
l.c.l., same basis	lb.	.06¼ - —
yellow, soft, c.l., same basis,	lb.	.03¾ - —
l.c.l., same basis	lb.	.04¾ - —
white, USP XII, lily, c.l., same basis	lb.	.05¼ - —
l.c.l., same basis	lb.	.07 - —
snow, c.l., same basis	lb.	.06¼ - —
l.c.l., same basis	lb.	.07¾ - —
soft, c.l., same basis	lb.	.05¼ - —
l.c.l., same basis	lb.	.06¼ - —
dark, bbls., returnable, c.l., Group 3	lb.	.021 - —
l.c.l., same basis	lb.	.025 - —
golden topaz, c.l., same basis,	lb.	.032 - —
l.c.l., same basis	lb.	.036 - —
red veterinarian, c.l., same basis	lb.	.024 - —
l.c.l., same basis	lb.	.028 - —
Petroleum, crude, bulk, at wells, California, gravity 18-18.9 and below	bbl.	.80 - —
20-30.9 and above	bbl.	1.23 - —
Illinois basin	bbl.	1.37 - —
Louisiana-Arkansas	bbl.	.86 - 1.36
Oklahoma-Kansas, gravity 20-20.9 and below	bbl.	.75 - —
40 and above	bbl.	1.25 - —
Pennsylvania, Bradford-Allegany	bbl.	3.00 - —
Buckeye lines	bbl.	2.55 - —
Corning	bbl.	1.31 - —
Eureka lines	bbl.	2.59 - —
N. Y. Transit lines	bbl.	3.00 - —
National Transit lines,	bbl.	3.00 - —
S.W. Penn. lines	bbl.	2.65 - —
Texas, Conroe	bbl.	1.43 - —
East	bbl.	1.25 - —
Gulf Coast, gravity 19-19.9 and below	bbl.	1.06 - —
40 and above	bbl.	1.48 - —
Pecos County	bbl.	.96 - —
West (and Lea County, N. M.), gravity 19-19.9 and below	bbl.	.70 - —
gravity 40 and above,	bbl.	1.12 - —
Wyoming, Lance Creek	bbl.	1.12 -
Ether, laboratory grade, 30-60°C., c.l.	lb.	.18 - —
l.c.l.	gal.	.29 - —
10 gals.	gal.	.55 - —
35-60°C., l.c.l.	gal.	.29 - —
10 gals.	gal.	.55 - —
Petroleum, ether, laboratory grade, 40-75°C., c.l.	gal.	.16 - —
l.c.l.	gal.	.29 - —
10 gals.	gal.	.55 - —

Petroleum ether prices are spot quotations f.o.b. Group 3, for material packed in drums

Fuel oil, at refinery:— Oklahoma, No. 3, tanks	gal.	.03½ - —
No. 6	bbl.	.80 - .90
14-16	bbl.	.95 - —
Group 3, No. 3, tanks	gal.	.03½ - —
No. 5	bbl.	.85 - —
No. 6	bbl.	.80 - .85
Kansas, No. 6	bbl.	.85 - .90
Arkansas, No. 3, tanks	gal.	.03½ - —
Pennsylvania, No. 1, tanks,	gal.	.05¾ - .07¾
No. 2	gal.	.05¾ - .07¾
No. 3	gal.	.05¾ - .07¾
California, heavy	bbl.	.90 - .90
light	bbl.	.85 - 1.00
diesel, tanks	gal.	.03 - .05
Bunker fuel oil, f.o.b. New York harbor	bbl.	1.65 - —
Philadelphia	bbl.	1.65 - —
Portland, Me.	bbl.	1.65 - —
Boston, Mass.	bbl.	1.65 - —
Charleston, Mass.	bbl.	1.60 - —
Savannah, Ga.	bbl.	1.60 - —
Norfolk, Va.	bbl.	1.65 - —
Providence, R. I.	bbl.	1.65 - —
Baltimore, Md.	bbl.	1.65 - —
Jacksonville, Fla.	bbl.	1.60 - —
Port Tampa, Fla.	bbl.	1.55 - —
New Orleans, La.	bbl.	.85 - —
Fort Arthur, Tex.	bbl.	.85 - —
Houston, Tex.	bbl.	.85 - —
Texas City	bbl.	.85 - —
Lacquer diluent, at refinery:— California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles,	gal.	.11 - —
Fort Welles, Wash.	gal.	.12 - —
San Francisco	gal.	.11½ - —
Willbridge, Ore.	gal.	.12 - -
East Coast, N. Y., tanks,	gal.	.11 - —
N. J., tanks	gal.	.11½ - —
Group 3, benzol type, tankcars	gal.	.07½ - —
toluol type, tanks	gal.	.07½ - .07¾
Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks,	gal.	.10½ - —
198-290 b.r., tanks	gal.	.10¼ - —
246-397 b.r., tanks	gal.	.10½ - —
312-408 b.r., tanks	gal.	.09 - —
362-458 b.r., tanks	gal.	.09 - —
East Coast, N. Y., tanks,	gal.	.10 - —
N. J., tanks	gal.	.10 - —
Group 3, tanks	gal.	.06¼ - —
Gulf Coast, tanks	gal.	.06¼ - —
tankwagon, Baltimore, 25-100 cals.	gal.	.13 - -
100 gals. or more	gal.	.12 - -
Boston	gal.	.12 - —
Petroleum, mineral spirits, tankwagon, Bridgeport, Conn.,	gal.	.1630 - —
Buffalo	gal.	.1240 - —
Camden, N. J.	gal.	.11 - —
Chicago	gal.	.13½ - —
Detroit	gal.	.1580 - —
Hartford	gal.	.1630 - —
Kansas City, Mo.	gal.	.1490 - —
Lancaster, Pa.	gal.	.12 - —
Milwaukee	gal.	.1440 - —
Minneapolis	gal.	.1420 - —
Newark (200 gal.)	gal.	.1 - —
New York (300 gal.)	gal.	.1 - —
Philadelphia	gal.	.1 - —
Pittsburgh	gal.	.13 - —
Providence	gal.	.13 - —
Rochester	gal.	.1320 - —
St. Louis	gal.	.1370 - —
Syracuse	gal.	.14 - —
Washington, D. C.	gal.	.15 - —
Wilmington, Del.	gal.	.13 - —
Naphtha, cleaners, at refinery:— California (f.o.b. San Francisco), tanks	gal.	.19 - —
East Coast, N. Y., tankcars	gal.	.1 - —
N. J., tankcars	gal.	.1 - —
Group 3, tankcars	gal.	.07½ - —
Gulf Coast (f.o.b. New Orleans), tankcars	gal.	.1 - —
tankwagon, Boston	gal.	.1 - —
Bridgeport	gal.	.1 - —
Chicago	gal.	.1.80 - —
Detroit	gal.	.15 - —
Milwaukee	gal.	.1440 - —
Minneapolis	gal.	.1420 - —
Newark	gal.	.12 - —
New York	gal.	.12 - —
Philadelphia	gal.	.128 - —
St. Louis	gal.	.1470 - —
high-solvency, aromatic, No. 1, over 10% arom., tanks, f.o.b. Bayway	gal.	.21½ - —
No. 2, over 50% arom., same basis	gal.	.21½ - —
No. 3, same basis	gal.	.22½ - —
No. 8, tanks, f.o.b. Bayway, N. J., frt. alld.	gal.	.228 -
Petroleum, naphtha, high-solvency, No. 80, tanks, f.o.b. Kingsland, N. J., frt. alld.	gal.	.223 - —
No. 40, tanks, f.o.b. Wilmington, Cal.	gal.	.13½ - —
V.M.&P., at refinery:— California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo	gal.	.11 - —
Richmond	gal.	.11½ - —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12 - —
54-77, 190 l.b.p., 310 e.p., tanks, dlvd. Los Angeles	gal.	.10 - —
dlvd. Los Angeles	gal.	.10 - —
San Francisco	gal.	.10½ - —
Portland, Seattle	gal.	.11 - —
East Coast, N. Y., tanks,	gal.	.11 - —
N. J., tanks	gal.	.11 - —
Group 3, tanks	gal.	.07½ - —
Gulf Coast (dlvd. New Orleans), tanks	gal.	.06½ - —
tankwagon, Boston	gal.	.13 - —
Chicago	gal.	.1350 - —
Detroit	gal.	.15 - —
Milwaukee	gal.	.1540 - —
Minneapolis	gal.	.1520 - —
Newark (200 gal.)	gal.	.125 - —
New York	gal.	.12 - —
Philadelphia	gal.	.125 - —
Pittsburgh	gal.	.12½ - —
St. Louis	gal.	.1470 - —
Solvent, rubber, at refinery, California (f.o.b. San Francisco)	gal.	.24 - —
East Coast, N. Y., tanks	gal.	.11 - —
N. J., tanks	gal.	.11 - —
Group 3, tanks	gal.	.07½ - —
Stoddard (CS 8-53), at refinery:— California (f.o.b. San Francisco), tanks	gal.	.11 - —
East Coast, N. Y., tanks	gal.	.09½ - —
N. J., tanks	gal.	.09½ - —
Group 3, tanks	gal.	.06½ - —
Petroleum, solvent, Stoddard, tankwagon, Baltimore	gal.	.13 - —
Boston	gal.	.12 - —
Chicago	gal.	.13½ - —
Detroit	gal.	.1580 - —
Milwaukee	gal.	.1440 - —
Minneapolis	gal.	.1420 - —
Newark	gal.	.11 - —
New York	gal.	.11 - —
Philadelphia	gal.	.11 - —
Pittsburgh	gal.	.12½ - —
St. Louis	gal.	.1370 - —
Syracuse	gal.	.14 - —
Phenobarbital, 5-lb. tins	lb.	3.60 - 3.70
dms., 100 lbs., spot or contract,	lb.	3.50 - -
Phenol,[3] USP, dms., c.l., works, frt. equald.	lb.	.10½ - —
l.c.l., same basis	lb.	.11½ - —
tanks, same basis	lb.	.09½ - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots	lb.	.85 -
bbls., dms., kgs., 100-250 lbs.,	lb.	.87 - .89
yellow, fib. dms., 2,000-lb. lots	lb.	.80 -
100-lb. fib. dms.	lb.	.82 - -
25-lb. dms.	lb.	.87 - -
50-lb. kgs.	lb.	.84 - -
Phenothiazin, Unmodified, fib. dms., incl., 2,000-lb. shipt.	lb.	.55 - —
150 lbs., same terms	lb.	.65 -
100 lbs., same terms	lb.	.67 - -
50-lbs., same terms	lb.	.70 - -
Phenyl chloride, dms.	lb.	.17 - —
Phenylacetaldehyde, bots.	lb.	4.50 - 5.00
dimethylacetate, cns.	lb.	14.50 - 15.00
Phenylethyl acetate, cns.	lb.	5.00 - 5.25
Phenylethylphenyl acetate, bots.,	lb.	5.00 - 15.00
Phenylhydrazin, base, CP, bots.,	lb.	4.85 - -
Hydrochloride, CP, bots., works,	lb.	7.10 - -
commercial, kgs., works	lb.	1.75 -

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Carbon Tetrachloride	Nitrate of Potash	*Superphosphate
Caustic Soda	Silicon Tetrachloride	Tartaric Acid
Citric Acid	Sodium Hydrosulphide	Titanium Tetrachloride
*Commercial Muriatic Acid	Stripper, Textile	Tartar Emetic
*Commercial Nitric Acid	*Sulphate of Alumina	

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WALNUT • LIQUID 45% KOH

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CALCINED 98-100%
LIQUID 47-48%

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Phloroglucinol, CP, tins, wks.	lb.	20.00	-22.00
tech., tins, works	lb.	15.00	-16.00
Phosgene, ton lots, works	lb.	.19	- -
Phosphate rock, Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% B.P.L., according to provisions of Maximum Price Regulation 240, bulk, f.o.b. cars, mine, c.l.	long ton.	2.00	- -
70%-68% B.P.L., M.P.R. 240 provisions, same basis	long ton.	2.40	- -
72%-70% B.P.L., M.P.R. 240 provisions, same basis	long ton.	3.00	- -
75%-74% B.P.L., M.P.R. 240 provisions, same basis	long ton.	4.00	- -
77%-76% B.P.L., M.P.R. 240 provisions, same basis	long ton.	5.00	- -
finely ground, M.P.R. 240 provisions, same basis	short ton.	2.75	- -
68% basis 31% P_2O_5 minimum	short ton.	3.00	- -
70% basis 32% P_2O_5 minimum	short ton.	3.25	- -
All pebble 10c. per ton higher than above prices			
Tenn., brown, unground, run-of-mine washed, dried, 68%-66% B.I.P. f.o.b. cars, mines, c.l.	long ton.	4.30	- -
70%-68% B.P.L., 5% I. & A., M.P.R., 240 provisions, same basis	long ton.	4.80	- -
72%-70% B.I.P., 5½% I. & A., M.P.R. 240 provisions, same basis	long ton.	5.30	- -
finely ground rock, M.P.R. 240 provisions, same basis,	short ton.	4.50	- -
30% P_2O_5, same basis	short ton.	4.70	- -
31% P_2O_5, same basis	short ton.	4.80	- -
32% P_2O_5, same basis	short ton.	5.00	- -
33% P_2O_5, same basis	short ton.	5.50	- -
Phosphorus, red amorphous, cs.,	lb.	.40	- .44
tins for export	lb.	.55	- -
yellow,[6] dms.	lb.	.18	- .20
cases	lb.	.23	- .25
Oxychloride,[6] cyls.	lb.	.15	- .18
Pentoxide, dms., c.l., works.	lb.	.11	- .12
l.c.l., dms., works	lb.	.13	- .14
Sesquisulphide, cs.	lb.	.38	- .42
Trichloride, cyls.	lb.	.15	- .16
Phthalamide, bbls., wks., ton.	lb.	.35	- -
single, bbls., works	lb.	.40	- -
kgs., works	lb.	.45	- .50
Phthalic anhydride,[6] bbls., c.l., works, frt. alld. E of Miss. R.	lb.	.14½	- -
l.c.l., same basis	lb	15½	- -
Pichi leaves, bgs.	lb.	.06	- .09½
Picrotoxin, bots.	oz.	3.00	- -
Pilocarpine hydrochloride, bots.	vls. oz.	3.90	- 5.25
Nitrate, bots., vls.	oz.	3.80	- 5.15
Pimento,[1] Jamaica, bgs.	lb.	.25½	- .26½
Mexican (see Allspice, Mexican).			
Pinkroot, bls.	lb.	.83	- .90
Pitch, burgundy (see B).			
Coaltar, 160° m.p., bbls., c.l., works	ton.	19.00	- -
l.c.l.	ton.	22.00	- -
Hardwood, 1-time, dms., c.l., dlvd., Akron	ton.	23.75	-24.00
Linseed, dms.	lb.	.05	- .05½
Petroleum (see Asphaltum, Mexican, Texas)			
Pitch, pine, dms.	100 lbs.	3.25	- -
stands, 200 lbs.	stand.	6.00	- -
Plaster of paris (see Gypsum).			
Pleurisy root, Southern, bls.	lb.	.12	- .13
Podophyllin, dms., dlvd. E. of Miss.	lb.	8.75	- 9.00
Pokeroot, bbls.	lb.	.10	- .11
Polyamyl naphthalene, l.c.l., tins, works	lb.	.25	- -
Pomegranate bark, bgs.	lb.	1.05	- 1.10
Root bark, bgs.	lb.	.80	- .85
Poppy flowers, red, bls.	lb.	.65	- .85
seed, Dutch, bgs.	lb.	.50	- .52
Indian, white, bgs.	lb.	.09½	- .09½
Turkish, bgs.	lb.	.34	- .35
Potash abietate	lb.	.08	- -
Acetate, USP, bbls., 250 lbs., lib. cns. 25 lbs.	lb.	.28	- -
	lb.	.31	- .44
Arsenite,[6] USP, solut., 100-lb. lots, cbys., demjs.	lb.	.13	- .15
Bicarbonate, USP, cryst., or gran., bbls., kgs., 300 lbs.	lb.	.19	- .21
gran., bbls., kgs., 250 lbs.	lb.	.19	- .21
Bichromate,[6,8] spot, c.l., cks., bbls., works	lb.	.09½	- -
6 casks or 10 bbls., or over, works	lb.	.09½	- -
5 casks or 9 bbls., or less, works	lb.	.10	- -
Potash bichromate in bgs., ¼c. less.			
Bromide, USP, gran., bbls., 500 kgs., 100 lbs.	lbs.	.27	- .31
	lb.	.28	- .32
Carbonate, calc., doms., c.l., works	lb.	.06½	- -
l.c.l., same basis	lb.	.06¾	- -
hydrated, 83-85%, bbls., c.l., works	lb.	.05½	- -
l.c.l., same basis	lb.	.05¾	- -
liquid, dms., c.l., works, frt. alld.	lb.	.03	- -
l.c.l., dms., same basis	lb.	.03½	- -
tanks, same basis	lb.	.02¾	- -
USP, gran., bbls., 375 lbs.	lb.	.14	- .16
powd., bbls., 325 lbs.	lb.	.19	- -
kgs., 100 lbs.	lb.	.21	- -
Caustic, flake, 88-92%, dom., c.l., works	lb.	.07	- -
l.c.l., works	lb.	.07¼	- -
liquid, 45% basis, dms.	lb.	.03½	- .03½
tanks	lb.	.02¾	- -
solid, 88-92%, dom., dms., c.l., works	lb.	.03½	- -
l.c.l.	lb.	.05¾	- .06%
Chlorate,[2,6] cryst., kgs., works	lb.	.11	Nom.
powd., kgs., works	lb.	.09¾	- .10
Chloride, tech., 98%, cryst., bgs.	kgs.	.08	Nom.
Chromate,[6,8] bgs.	lb.	.24	- .27
Citrate, USP, gran., 250-lb. bbls., lbs.	lb.	.33½	- -
100-lb. dms.	lb.	.34½	- -
25-lb. dms.	lb.	.35½	- -
25-lb. dms.	lb.	.37½	- -
powd., 3c. per lb higher.			
Cyanide, dom., dms., works	lb.	.55	- -
gold, 41% gold, bots., works	oz.	14.20	-14.95
Fluoride, bbls.	lb.	.34	- .40
Glycerophosphate, 75% sol., dms., 1,000-lb. lots	lb.	1.50	- 1.52
100-lb. lots	lb.	1.60	- 1.62
50-lb. lots, cbys. or cns.	lb.	1.65	- 1.67
25-lb. lots, cns.	lb.	1.75	- 1.77
Guaiacolsulphonate, NF., dms., 100-lb. lots	lb.	1.75	- -
Hydroxide, USP, sticks, dms., 100 lbs. to 1,000 lbs.	lb.	.34	- .36
Hypophosphite, cns., 100 lbs.	lb.	.72	- -
25 to 50 lbs.	lb.	.75	- -
Iodate, bots., 5 lbs.	lb.	2.48	- -
cns., 25 lbs.	lb.	2.35	- -
Iodide, bots., or cans	lb.	1.44	- 1.48
dms.	lb.	1.35	- 1.38
Potash, kainit, 20% K_2O, bulk, ex vessel, Atlantic or Gulf ports,	ton.	No prices	
Manure salt, dom., 22%, K_2O, f.o.b. Carlsbad, N. M.,	unit-ton.	.20	- -
25% K_2O, same basis	unit-ton.	.21	- -
import, 50%, K_2O, bulk, ex vessel, Atlantic or Gulf ports	ton.	No prices	
Metabisulphite, kgs.	lb.	.15	- .19
CP, cryst., 300-lb. bbls.	lb.	.34	- -
purified, 300-lb. bbls.	lb.	.23	- -
Muriate, dom., 60-62-63%, K_2O, bulk ex vessel, ports	unit-ton.	.53½	- -
granular, 50-52% K_2O	unit-ton.	.56	- -

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex vessel price; basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.

Oxalate, pure, cryst., kgs.	lb.	.40	- .42
tech., bbls., dms.	lb.	.28	- .30
Nitrate, crude, bgs., c.i.f. ports,	ton.	No prices	
Perchlorate,[6,8] kgs., works	lb.	.09½	- .11
Permanganate, tech., dms., works	lb.	.20¾	- .22
USP, dms., works	lb.	.21½	- .22¾
Prussiate, red, bbls., dms.	lb.	.70	- .75
Yellow, bbls.	lb.	.16	- .17
Ricinoleate, tech., bbls.	lb.	.18	- -
Silicate alkaline, lumps, bgs., works	lb.	.07	- -
glass, bgs., c.l.	ton.	290.00	- -
l.c.l.	100 lbs.	15.25	- -
solution, 20°Be, ret. dms., c.l., works	100 lbs.	4.25	- -
l.c.l., 5 or more, works	100 lbs.	5.00	- -
1-4, works	100 lbs.	5.50	- -
32° Be, ret. dms., c.l., works	100 lbs.	4.75	- -
l.c.l., 5 or more, works	100 lbs.	5.50	- -
1-4, works	100 lbs.	6.00	- -
40.5° Be, ret. dms., c.l., works	100 lbs.	5.75	- -
l.c.l., 5 or more, works	100 lbs.	6.50	- -
1-4, works	100 lbs.	7.00	- -
Sulphate, NF, powd., 350 lbs., bbls.	lb.	.15	Nom.
100-lb. kgs.	lb.	.17	- -
Prices on granular 4c. higher.			
tech., dom., bulk basis, 90-95%, K_2SO_4, min. 50% ex vessel, Atl. or Gulf ports.	ton.	36.25	- -
Sulphocyanide, C.P., dms.	lb.	.75	- .80
N.F., dms.	lb.	.55	- .60
Xanthate, dms., c.l.	lb.	.12	- -
Potash-magnesia, sulphate, dom., bulk, min. 40% K_2SO_4, 18.50% MgO, ex vessel, ports.	ton.	36.00	- -
Potash-soda ferricyanide, dms. works	lb.	.40	- .42
Potash-titanium oxalate, 350-lb. bbls.	lb.	.45	- -
100-lb. dms.	lb.	.50	- -
Prickly ash bark, bls.	lb.	.11½	- .12
Berries, bgs.	lb.	.33	- .35
Prince's pine herb bls.	lb.	.32	- .33
Procaine, hydrochloride, 25-lb. cns.	lb.	8.00	- -
5-lb. cans	lb.	8.25	- 8.50
1-lb. bots.	lb.	8.75	- -
Propane,[1] industrial grade, tanks, f.o.b. Group 2	gal.	.03	- .03¾
Psyllium seed (see Fleaseed).			
Pulsatilla, bls.	lb.	1.10	Nom.
Pumice, dom., grd., fine, 4F, 3F, 2F, F, O, bgs., f.o.b. Chicago, 2,000 lbs. and up.	lb.	.04	- -
600-1,999 lbs.	lb.	.04¼	- -
100-599 lbs.	lb.	.04¾	- -
New York, 2,000 lbs. and up.	lb.	.03¾	- -
500-1,999 lbs.	lb.	.03¾	- -
100-499 lbs.	lb.	.04	- -
coarse, O½, 1, 1½, 2, 3, bgs., f.o.b. Chicago, 2,000 lbs. and up.	lb.	.04¼	- -
600-1,999 lbs.	lb.	.04½	- -
100-599 lbs.	lb.	.05	- -
New York, 2,000 lbs. and up.	lb.	.03¾	- -
500-1,999 lbs.	lb.	.03¾	- -
100-499 lbs.	lb.	.04¼	- -
imp., Italian	lb.	No prices	
Pumice stone packed in barrels is ½c. per lb. higher than the above prices.			
Pumpkin seed, bgs.	lb.	.12	- .13
Purple lake (see Red).			
Putty, com'l, dms.	100 lbs.	3.15	- -
linseed oil, raw, dms.	100 lbs.	5.00	- -
refined, dms.	100 lbs.	5.50	- -
standard, dms.	100 lbs.	4.20	- -
Pyrethrum[6] concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 cc., dms., dlvd.,	gal.	5.75	- -
(30 to 1), 3 grams pyrethrins per 100 cc., dms., dlvd.	gal.	5.53	- -
Pyrethrum[6] flowers, coarse, grns., (g.f.p.) 0.9% pyrethrins, frt. alld., bbls.	lb.	.27	- .29
fine powd., 0.5 pyrethrins, frt. alld., bbls.	lb.	.23	- -
fine, grd., 0.9% pyrethrins, bbls.	lb.	.29	- -
1.3 pyrethrins, frt. alld., bbls.	lb.	.39	- -
Pyridin,[6] denaturing, dms.	gal.	1.71	- -
refd., 2°, dms.	lb.	.45	- -
Pyrites, Spanish, bulk, c.i.f. Atl. ports	unit-ton.	No prices	
Pyrocatechin, CP, cryst., works, fib. dms., tins	lb.	2.15	- 2.40
resublimed, fib. dms., tins	lb.	4.60	- -
Pyrophylite, standard, 200 mesh, c.l., mines	ton.	10.00	- -
325 mesh, same basis	ton.	13.00	- -
No. 8, 200 mesh, c.l., mines	ton.	8.00	- -
325 mesh, same basis	ton.	11.00	- -
Pyroxylin scrap amber, cs., works	lb.	.12	- -
black, cs., works	lb.	.10	- -
china, white, ivory, cs., works,	lb.	.13	- -
dense, white, cs., works	lb.	.10	- -
gray, cs., works	lb.	.08	- -
mixed, mottles, opaques, cs., works	lb.	.04	- -
translucent pastels, c.s., works,	lb.	.10	- -
transparent, cs., works	lb.	.20	- -
colors, cs., works	lb.	.12	- -
shavings, amber, cs., works	lb.	.16	- -
colors, mixed, cs., works	lb.	.10	- -
white, cs., works	lb.	.15	- -

Q

Quassia chips, dom., bls.	lb.	.06	- .08
Quebracho extract, solid, 65%, bgs., c.l., ex dock, plus duty,	lb.	.04¾	- -
clarified, 64%, bgs., c.l., same basis	lb.	.05	- -
dissolved, 55%, tan., bbls., works	lb.	.04½	- -
tanks, works	lb.	.04	- -
ground, bgs., c.l.	lb.	.06½	- -
l.c.l., bgs.	lb.	.09	- -

Queen of the meadow leaves, bgs.	lb.	.12	.13
Root, bgs.	lb.	.10	.11
Quercitron, crystals, bgs.	lb.	.26	—
extract, bbls., No. 1	lb.	.10	—
No. 2	lb.	.09½	—
No. 3	lb.	.09	—
solid, bxs.	lb.	.18½	—
Quicksilver,[1,4] dom., flasks (76 lbs. net), f.o.b. shipment point in Cal., Ore., Wash., Idaho, Utah, Nev., and Ariz.	flask.	191.00	—
Tex. and Ark.	flask.	198.00	—
Quicksilver freight $4.28 per flask to N. Y.; dealers' commission, 1%; brokers, 2%.			
Quince seed, bxs.	lb.	1.50	1.75
Quinidine,[2] NF V, crystl., cns.	oz.	1.06	+ .13½*
powd., precip., cns.	oz.	1.01	+ .13½
Sulphate, USP, cns.	oz.	.71	+ .13½

* Subject to surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[2] 100 oz., cns.	oz.	.84	+ .13½*
Acetate, cns.	oz.	1.05	+ .13½
Arsenate, cns.	oz.	1.05	+ .13½
Arsenite, cns.	oz.	1.07	+ .13½
Bisulphate, cns.	oz.	.60	+ .13½
Citrate, cns.	oz.	.78	+ .13½
Dihpdrobromide, bots.	oz.	.86	+ .13½
Dihydrobromide, bots.	oz.	.86	+ .13½
Ethylcarbonate, cns.	oz.	1.25	+ .13½
Ferrocyanide, cns.	oz.	1.07	+ .13½
Formate, cns.	oz.	1.00	+ .13½
Hydrochlorosulphate, cns.	oz.	.81	+ .13½
Glycerophosphate, cns.	oz.	1.20	+ .13½
Hydrochloride, cns.	oz.	.76	+ .13½
Hydriodide, cns.	oz.	1.05	+ .13½
Hypophosite, cns.	oz.	1.07	+ .13½
Phosphate, cns.	oz.	.90	+ .13½
Salicylate, cns.	oz.	.79	+ .13½
Sulphate, USP XII, cns.	oz.	.67	+ .13½
Sulphocarbolate, cns.	oz.	1.05	+ .13½
Tannate, cns.	oz.	.62	+ .13½
Valerate, cns.	oz.	.99	+ .13½
Tartrate, cns.	oz.	1.02	+ .13½

* Quinine buyers must pay a surcharge of 13½c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[2] cns.,	oz.	.81	+ .13½

Subject to surcharge of 13½c. per oz.; see note under Quinine.

R

R salt, dry, bbls.	lb.	.55	—
paste, dms.	lb.	.52	—
Rapeseed,[1] Argentine, large bgs.,	lb.	.09½	.10
dom., dwarf Essex, bgs.	lb.	.09½	.09¾
Raspberries, dried, bls.	lb.	.90	1.10
Red,[2] alizarin lake,[3] bbls., dlvd. N. of Tenn. and N. C. E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	1.10	1.90

Red, alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.96	—
400-2,000 lbs., bbls.	lb.	1.00	—
100-300 lbs., pkgs.	lb.	1.05	—
light shade, bbls, ton lots,	lb.	.80	—
400-2,000 lbs., bbls.	lb.	.85	—
100-300 lbs., pkgs.	lb.	.90	—
light-medium shades, bbls., ton lots.	lb.	.85	—
400-2,000 lbs., bbls.	lb.	.90	—
100-300 lbs., pkgs.	lb.	.95	—
maroon shade, bbls., ton lots.	lb.	1.65	—
400-2,000 lbs., bbls.	lb.	1.10	—
100-300 lbs., pkgs.	lb.	1.15	—
deep, bbls., ton lots.	lb.	1.15	—
400-2,000 lbs., bbls.	lb.	1.20	—
100-300 lbs., pkgs.	lb.	1.25	—
medium shade, bbls., ton lots.	lb.	.90	—
400-2,000 lbs., bbls.	lb.	.95	—
100-300 lbs., pkgs.	lb.	1.00	—

Red, cadmium, lithopone quotations are f.o.b. Baltc. or whse. points, charges prepaid or allowed E. of Rockies.

Selenide, bbls., light, works.	lb.	2.85	—
maroon, works.	lb.	2.90	—
Carmine, 40, dms., 100 lbs.	lb.	4.00	—
50 lbs.	lb.	4.75	—
cns., 5 lbs.	lb.	5.25	—
1 lb.	lb.	5.35	—
Crocus martis (see Red, purple oxide).			
Eosin toner, bbls.	lb.	1.35	—
Firetoner, bbls.	lb.	.85	—
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y.	lb.	.09¼	—
86-85%, bbls., same basis,	lb.	.07¾	—
Imported, English, all shades.	lb.	.12	—
Iron oxide see (Red oxide).			
Lacquer maroon, bbls., same basis.	lb.	1.25	—
Lake C toner, bbls., same basis, alizarin, lake, contracts,	lb.	.90	—
Litho toner, bbls., same basis, alizarin lake, contracts.	lb.	.60	—
Rose, lake, bbls.	lb.	.25	.28
Pink, bbls.	lb.	.20	.25
Lithol-rubine toner, bbls., same basis, alizarin, lake, contracts.	lb.	1.10	—
Maroon lake, 25%, kgs., same basis, alizarin, lake, contracts.	lb.	.40	—
Mercury, oxide,[2] tech., bbls., 10,000 lbs.	lb.	3.09	—
smaller lots.	lb.	3.11	—
Metallic, bbls., Pa., works.	lb.	.02	—
Orange, Persian (see O).			
Oxide, pure, bbls., c.l., works,	lb.	.09	—
l.c.l., bbls.	lb.	.09¾	—
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio.	lb.	.08¾	—
80% copperas oxide, bbls., same basis.	lb.	.08¼	—
50-lb. bgs.	lb.	.096	—
Imported, English.	lb.	.14½	—
Para, toner, concent., kgs., same basis, alizarin lake, contracts.	lb.	.70	—
Red, Persian Gulf, oxide, bbls., c.l.	lb.	No prices	
Phloxin toner (see Red, Rosin-toner).			
Phosphotungstic rhodamine, Y, kgs.	lb.	4.15	—
Purple lake, kgs.	lb.	.60	1.00
Scarlet ink toner, kgs., same basis alizarin lake.	lb.	.55	—
Lake, kgs., same basis alizarin lake.	lb.	.85	—
Spanish, oxide, Grade 1, c.l., bbls., f.o.b. N.Y.	lb.	.04⅝	.07¾
Toluidin toner, kgs., same basis alizarin lake.	lb.	1.05	—
Turkey, c.l.f. New York.	lb.	.14½	—
Tuscan, bbls., f.o.b. N. Y., E. St. Louis.	lb.	.11	.40
Venetian, bbls., works.	lb.	.0220	—
10%, bbls., works.	lb.	.0245	—
15%, bbls., works.	lb.	.2065	—
20%, bbls., works.	lb.	.02¾	—
25%, bbls., works.	lb.	.08	—
30%, bbls., works.	lb.	.03¼	—
35%, bbls., works.	lb.	.0360	—
40%, bbls., works.	lb.	.04	—
Vermilion, Amer., bbls., f.o.b. N.Y.	lb.	.25	.44
quicksilver, bbls.	lb.	3.05	3.15
Red dyes are listed under Dyes.			
Red, precipitate,[2] NF, powd., fib. dms., 50 lbs. or more.	lb.	3.26	—
Red saunders wood, ground, bbls.,	lb.	.25	—
Resorcinol, tech., 200-lb. dms., frt. alld. E. of Miss.	lb.	.68	—
smaller quantities, works.	lb.	.74	—
USP, cryst., 100 lbs., dms., frt. alld. E. of Miss.	lb.	1.80	—
Rhatany root, bgs.	lb.	.09	.10
Rhubarb, whole, bgs.	lb.	1.15	1.35
powd., bbls.	lb.	1.20	1.45
Riboflavin	gram.	.65	.68
Rice bran, concentrate, 572-lb. dms., f.o.b. Cedartown, Ga., or Emeryville, Calif., seller's option.	lb.	.79	—
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't.	lb.	.43½	—
smaller lots.	lb.	.44	—
Rochelle salt, powd., bbls., 5,000 lbs., 1 ship't.	lb.	.42½	—
smaller lots.	lb.	.43	—
Rose flowers, pale, bls.	lb.	.32	.33
red, bls.	lb.	No prices	
Rosemary flowers, bls.	lb.	1.55	1.60
leaves, Portuguese, bls.	lb.	.17½	.18
Spanish, bls.	lb.	.18	.18½
Rosin gum, ex lock:—			
B, drums or bags	100 lbs.	3.55	—
D, drums or bags	100 lbs.	3.60	—
E, drums or bags	100 lbs.	3.68	—
F, drums or bags	100 lbs.	3.99	—
G, drums or bags	100 lbs.	4.08	—
H, drums or bags	100 lbs.	4.13	—
I, drums or bags	100 lbs.	4.25	—
K, drums or bags	100 lbs.	4.40	—
M, drums or bags	100 lbs.	4.48	—
N, drums or bags	100 lbs.	3.65	—
W. G., drums or bags	100 lbs.	3.60	—
W. W., drums or bags	100 lbs.	4.65	—
X, drums or bags	100 lbs.	4.65	—
Rottenstone, dom., bgs., c.l., f.o.b. mines.	ton.	25.50	—
l.c.l., same basis	ton.	37.50	—
Rouge, lump, bbls.	lb.	No prices	
powd., bbls.	lb.	No prices	
Rue, bls.	lb.	1.45	1.50

S

Sabadilla seed, powd., bbls.	lb.	.31	.32
Saccharin, dms., 100 lbs.	lb.	1.45	—
cns., 25 lbs.	lb.	1.48	—
Safflower	bls.	No prices	
Saffron, Mexican, bls.	lb.	.55	.56
Spanish, tins	lb.	31.50	32.00
Sa[illegible]	lb.	2.25	2.45
Sage,[1] Calif. leucophylla, whole,	bls.	No stocks	
rubbed, bgs.	lb.	No stocks	
powder, bgs.	lb.	No stocks	
Dalmatian type, bls.	lb.	.80	.85
Cyprus, bls.	lb.	.29½	.30
Greek, bls.	lb.	1.60	1.70
Spanish, bls.	lb.	.29	.30
Sago flour, bgs.	lb.	.05	.05¾
Salicin, bots., 5 lbs.	lb.	8.03	—
cns., 25 lbs.	lb.	7.73	—
Salol, gran., bbls., 200 lbs.	lb.	.90	—
bxs., 25 lbs.	lb.	.93	—
kgs., 100 lbs.	lb.	.90	—
powd., fib. dms., 25 lbs.	lb.	1.02	—
kgs., 100 lbs.	lb.	1.00	—
Salt, rock, bgs., c.l., dlvd. N.Y.	ton.	14.20	—
l.c.l., bgs., dlvd. N.Y.	ton.	17.00	18.00
Vacuum, common, fine, bgs.,	c.l., dlvd. N.Y.	ton.	15.70	—	—
l.c.l., dlvd. N.Y.	ton.	19.40	23.30
Chrome see Chrome cake).			
Saltcake, dom., bulk, works.	ton.	15.00	—
import, bulk, c.i.f.	ton.	16.00	Nom.
Saltpeter, dbl. refd., gran., bbls.,	10-20 tons.	100 lbs.	8.20	—
	1-9 tons.	100 lbs.	8.35	—
	less than ton lots.	100 lbs.	8.60	—
powd., bbls., 10-20 tons.	100 lbs.	9.20	—
1-9 tons.	100 lbs.	9.35	—
less than ton lots.	100 lbs.	9.60	—
Sanguinarine nitrate, bots.	oz.	3.75	—
Santonin, cryst., cns.	kilo.	210.00	220.00
Saponin, No. 1, cns.	lb.	1.75	—
No. 2, cns.	lb.	1.45	—
Sarsaparilla root, American, bls.	lb.	.25	.26
Honduras, bls.	lb.	.59	.60
Mexican, bls.	lb.	.20	.21
Sassafras, bark, ord., bls.	lb.	.20	.21
select, bls.	lb.	.31	.32
Savory, bls.	lb.	.75	1.75
Saw palmetto berries, bgs.	lb.	.09	.14
Scammony root, bgs.	lb.	.07	.08
resin, lump, cns.	lb.	.85	—
powd., bxs.	lb.	.90	—
Schaeffer's salt, bgs.	lb.	.46	—
Scullcap, Eastern, bls.	lb.	.25	.32
Western, bls.	lb.	.17	.18
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment.	lb.	.33½	—
smaller lots.	lb.	.34¼	—
kegs, 5,000 lbs., 1 shipm't.	lb.	.34¼	—
smaller lots.	lb.	.34¾	—
Selenium, pwd. A, 10-lb. tins.	lb.	2.00	—
100-lb. cases.	lb.	1.75	—
Senega root, spot, bls.	lb.	.59	.60
Senna leaves, Alexandria, half leaf, bls.	lb.	.22	.28
siftings, bgs.	lb.	.21	.22
Tinnevelly, No. 1, bls.	lb.	.16	.17½
2, bls.	lb.	.12	.16
3, bls.	lb.	.11	.14
powd., bbls., bxs.	lb.	.15	.17
Pods, bls.	lb.	.13	.16
Serpentaria root, bls.	lb.	.75	.82
Sesame seed,[1] Chinese, hulled, bgs.	lb.	.12¼	.13
Indian, natural, bgs.	lb.	.09¼	.09¾
hulled, sterilized, bgs.	lb.	.12	.12½
Shellac,[1,5] bleached, bonedry, bbls., 1,500 lbs. or more, f.o.b. N.Y.	lb.	.42½	—
dlvd., Boston	lb.	.43½	—
Chicago	lb.	.44	—
Pacific Coast	lb.	.46	—
refined, bbls., 1,500 lbs. or more, f.o.b. N.Y.	lb.	.43¼	—
Shellac, bleached, refined, dlvd., Boston	lb.	.43½	—
Chicago	lb.	.50	—
Pacific Coast	lb.	.52	—

Bone dry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb.; (2) bbls., 1c. more; (3) kgs., 3c. more; (4) less than 100 lbs., regardless of packing, 5c. more.

Shellac,[1,5] 100 bgs. or more, garnet, bgs.	lb.	.3890	—
D.C., V.S.O., or Diamond 1, bgs.	lb.	.4000	—
Superfine, f.o.b. Boston, N.Y.	lb.	.3660	—
dlvd., Chicago.	lb.	.3710	—
Pacific Coast	lb.	.3960	—
T.N., f.o.b. Boston, N.Y.	lb.	.3550	—
dlvd., Chicago	lb.	.3600	—
Pacific Coast	lb.	.3850	—

Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 1c. more; 10 to 99 bgs., cs., 1c. more.

Shortening, trcs.	100 lbs.	16.50	17.00
Silica, amorph., dry-grd., 325 mesh, c.l., Ill., works.	ton.	17.00	—
l.c.l., same basis	ton.	20.00	—
400 mesh, c.l.	ton.	18.00	—
l.c.l., 5,000 lbs	ton.	19.00	—
smaller lots.	ton.	20.00	—
wet-grd., 325 mesh., c.l., Ill., works.	ton.	18.00	—
l.c.l., same basis	ton.	21.00	—
400 mesh, c.l.	ton.	30.00	—
l.c.l., 5,000 lbs.	ton.	35.00	—
smaller lots.	ton.	38.00	—
96-98%, 325 mesh, c.l.	ton.	20.00	—
l.c.l., 5,000 lbs.	ton.	21.50	—
smaller lots.	ton.	23.00	—
99%, 325 mesh, c.l., works.	ton.	20.00	—
l.c.l., 5,000 lbs.	ton.	22.00	—
smaller lots.	ton.	25.00	—
99%, 325 mesh, l.c.l., 5,000 lbs.	ton.	25.50	—
smaller lots.	ton.	27.00	—
hard-quarts, 90¼%, 325 mesh, c.l.	ton.	13.50	—
l.c.l.	ton.	18.50	—
140 mesh, c.l.	ton.	11.00	—
l.c.l.	ton.	16.00	—

Silica prices are for bag packing f.o.b. works.

Silicon tetrachloride, CP, dms., works, 55 gals.	lb.	.27	—
10-gal. dms., same basis.	lb.	.32	—
smaller pkgs.	lb.	.75	1.25
teoh., dms., 55 gals., works.	lb.	.22	—
10-gal. dms., same basis.	lb.	.27	—
smaller pkgs.	lb.	.50	1.00
Silver, bullion	oz.	.44¾	—
Govt. purchase, dom., metal.	oz.	.7111	—
Govt. purchase,[1] foreign metal.	oz.	.44¾	—
Cyanide, cns., 100 ozs.	oz.	.41½	—
Nitrate, 100-oz. bots.	oz.	.33¾	—
Nucleinate, bots., dms.	oz.	.29	.34
Proteinate, bots., dms.	oz.	.26	.32
Simarubra barks, bls.	lb.	.55	.67
Skunk cabbage root, bls.	lb.	No stocks	
Slate flour, bgs., c.l., works.	ton.	11.00	12.00
l.c.l., works.	ton.	12.00	13.00
Sloe berries, bgs.	lb.	.75	.80
Smalt, black, extra velvet, otns.	lb.	.06	.08
Blue, otns.	lb.	.07	.08¾
Snakeroot, Canada, bls.	lb.	.66	.67
Soapbark, bls.	lb.	.13	.14
crushed, bls., bbls.	lb.	.16	.17
cut, imp., bls., bbls.	lb.	.17	.18
dom., bbls.	lb.	.10	.11
powd., bbls.	lb.	.19	.26
Soda, acetate, anhyd., bbls., dlvd.,	lb.	.08½	.10
flake, gran., powd., 60%, dms., c.l., dlvd.	lb.	.05	—
l.c.l., dlvd.	lb.	.05½	.06
USP, bbls., dlvd.	lb.	.06	.07
Alginate, water soluble, refined, bbls., works.	lb.	.79	—
semi-refined, bbls., works.	lb.	.42	—
Aluminate, white, soluble, c.l., bgs., frt. equald.	100 lbs.	7.50	—
dms., frt. equald.	100 lbs.	7.75	—
l.c.l., bgs., frt. equald.	100 lbs.	8.40	—
dms., frt. equald.	100 lbs.	8.65	—
Antimoniate, bbls., dlvd., c.l.	lb.	.15	—
l.c.l., bbls., dlvd.	lb.	.15½	—
Arsenate,[6] dms., dealers, c.l., works.	lb.	.08	—
l.c.l., dms.	lb.	.09¼	.09¾
Arsenite,[6] dry, gray, dms., c.l., dealers, works.	lb.	.06¾	—
l.c.l., dms., works.	lb.	.07½	.08¼
white, dms., c.l., dealers, works.	lb.	.07¾	—
l.c.l., works.	lb.	.08½	.09¼

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works.	100 lbs.	1.15	—
l.c.l., Zone 1	100 lbs.	2.16	—
2	100 lbs.	2.28	—
3	100 lbs.	2.58	—
4	100 lbs.	2.98	—
bbls., c.l., works.	100 lbs.	1.35	—
l.c.l., Zone 1	100 lbs.	2.35	—
2	100 lbs.	2.50	—
3	100 lbs.	2.75	—
4	100 lbs.	3.15	—
bulk, c.l., works.	100 lbs.	.95	—
extra light, 58%, bgs., c.l.	100 lbs.	1.13	—
l.c.l., Zone 1	100 lbs.	2.13	—
2	100 lbs.	2.26	—
3	100 lbs.	2.53	—
4	100 lbs.	2.93	—
bbls., c.l., works.	100 lbs.	1.45	—
l.c.l., Zone 1	100 lbs.	2.45	—
2	100 lbs.	2.60	—
3	100 lbs.	2.85	—
4	100 lbs.	3.25	—
bulk, c.l.	100 lbs.	.90	—
light, 58%, bgs., c.l., works,	100 lbs.	1.05	1.13
l.c.l., Zone 1	100 lbs.	2.13	—
2	100 lbs.	2.26	—
3	100 lbs.	2.53	—
4	100 lbs.	2.93	—
bbls., c.l., works.	100 lbs.	1.35	—
l.c.l., Zone 1	100 lbs.	2.35	—
2	100 lbs.	2.50	—
3	100 lbs.	2.75	—
4	100 lbs.	3.15	—
bulk, c.l.	100 lbs.	.90	—

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse point and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U.S. E. of Miss. River and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia., parallel La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zone 2: Ark. East of 98° Meridian; Neb. E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 98° Meridian. Zone 4: El Paso, Tex., Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyoming.

Soda, benzoate, tech., bbls., 4,000 lbs. or more.	lb.	.39	—
1,000 to 3,000 lbs.	lb.	.40	—
900 lbs. or less.	lb.	.43	—
USP, bbls., fib., 4,000 lbs., or more.	lb.	.46	—
1,000 to 3,900 lbs.	lb.	.47	—
900 lbs. or less.	lb.	.50	—
Bicarbonate, tech., bbls., c.l., works.	100 lbs.	1.76	—
l.c.l.	100 lbs.	2.06	—
bgs., c.l.	100 lbs.	1.55	—
l.c.l.	100 lbs.	1.90	—
USP, gran., bbls., c.l., works.	100 lbs.	2.25	—
l.c.l.	100 lbs.	2.60	—
powd., bbls., c.l., works.	100 lbs.	1.85	—
l.c.l., dlvd. N.Y.	100 lbs.	2.51	—
kgs., c.l.	100 lbs.	2.10	—
l.c.l., dlvd. N.Y.	100 lbs.	2.76	—
Bichromate,[2,6] spot, cks., bbls., c.l., works.	lb.	.07¾	—
l.c.l., 6 cases. or 10 bbls. or over, works.	lb.	.07½	—
5 cks. or 9 bbls. or less, works.	lb.	.07¾	—

Soda bichromate in bgs., ½c. less.

Bifluoride, bbl., c.l.	lb.	.11	—
10-bbl. lots.	lb.	.11½	.12
1-9 bbls.	lb.	.12	—
kegs	lb.	.12½	.14
Bisulphite, powd., bbls., c.l., works.	100 lbs.	3.00	3.10
l.c.l., works.	100 lbs.	3.50	3.60
solution, 32 deg., bbls., c.l., works.	100 lbs.	1.30	—
l.c.l., bbls., works.	100 lbs.	1.55	—
33 deg., bbls., c.l., works.	100 lbs.	1.35	—
l.c.l., bbls., works.	100 lbs.	1.60	—
35 deg., c.l., works.	100 lbs.	1.40	—
l.c.l., bbls., works.	100 lbs.	1.65	—
44 deg., bbls., works.	100 lbs.	1.55	—
l.c.l., bbls., works.	100 lbs.	1.80	—
Bromide, USP, gran., bbls., works, 500 lbs.	lb.	.27	.31
fiber dms., 100 lbs.	lb.	.28	.32
Cacodylate, 5-lb. bbls., works,	lb.	17.00	—

Carbonate (see Soda ash, soda monohydrated, soda sal).

Caustic, flake, 76%, powd., ammo. process, bbls., c.l., works.	100 lbs.	2.95	—
dms., c.l., works.	100 lbs.	2.70	—
l.c.l., Zone 1	100 lbs.	3.55	4.90
2	100 lbs.	3.70	5.05
3	100 lbs.	3.95	5.30
4	100 lbs.	4.35	5.70
electro process, dms., c.l., works.	100 lbs.	2.70	—
l.c.l., same zone prices as ammonia process.			
liquid, 47-49%, buyers' tanks, works.	lb.	1.92½	—
sellers' tanks, works.	100 lbs.	1.95	—
70%, buyers' tanks, works.	100 lbs.	1.97½	—
sellers' tanks, works.	100 lbs.	2.00	—
solid, 76% ammon., process, dms., c.l., works.	100 lbs.	2.80	—
l.c.l., Zone 1	100 lbs.	3.15	—
2	100 lbs.	3.30	—
3	100 lbs.	3.55	—
electro process, dms., c.l., works.	100 lbs.	2.80	—

Soda, caustic, solid, electro process, dms., l.c.l., same zone prices as ammon. process. Caustic soda, l.c.l., prices are on the same basis as those for soda ash. The sales zones are also the same.

Chloride (see Salt).

Chlorate,[6] dom., cryst., bgs., c.l., works.	lb.	.06¼	—
l.c.l., works.	lb.	.06½	—
powd., bgs., c.l., works.	lb.	.06½	—
l.c.l., works.	lb.	.07	.06¾
Chromate,[2,4] c.l., works.	lb.	.08¾	—
l.c.l., 5 cks., 10 bbls. or over, works.	lb.	.09½	—

Citrate, USP VIII, 225-lb. bbls.

	lb.	.18½	—
50-lb. lots, dms.	lb.	.20¼	—
25-lb. lots, dms.	lb.	.22½	.23½
dms., 100-lb. lots, dms.	lb.	.19¼	—
USP XI, gran., bbls., 250-lb. lots.	lb.	.24	—
boxes, 50-lb. lots.	lb.	.26	—
cns., 25-lb. lots.	lb.	.28	.29
kgs., 100-lb. lots.	lb.	.25	—
powd., bbls., 250-lb. lots.	lb.	.24½	—
boxes, 50-lb. lots.	lb.	.26½	—
cns., 25-lb. lots.	lb.	.29½	—
kgs., 100-lb. lots.	lb.	.25½	—
Cyanide,[6] 96-98%, dom., dms.	lb.	.14	.15
imports, 90%, cs.	lb.	No prices	
Diacetate, 35-37% acidity, bbls., dlvd.	lb.	.09½	.10½
anhy., dms., dlvd.	lb.	.12½	—
Fluoride, white, 30%, bbls., c.l., frt. alld.	lb.	.08	—
l.c.l., 10 or over, same basis.	lb.	.08¼	—
1-9, same basis.	lb.	.09	—
96%, bbls., c.l., same basis.	lb.	.06¼	—
l.c.l., 10 or over, same basis.	lb.	.06¾	—
1-9, same basis.	lb.	.09¼	—

Soda fluoride prices at Los Angeles are f.a.s. works.

Glycerophosphate, NF, cryst., bbls., 1,000-lb. lots.	lb.	1.25	1.33
100-lb. lots.	lb.	1.40	1.47
cns., 25 lbs.	lb.	1.65	1.67
powd., bbls., 1,000-lb. lots.	lb.	1.25	1.32
100-lb. lots.	lb.	1.40	1.47
cns., 25 lbs.	lb.	1.72	—
solution, cbys., cns.	lb.	.82	.83
Hydrosulphite, dms., frt. alld.	lb.	.17	.18
Hydroxide, USP, sticks, dms., 100 to 1,000-lb. lots.	lb.	.34	.37
Hypophosphite, N. F., cns., 100-lb. lots.	lb.	.67	—
Hyposulphite, cryst., large bgs., works, frt. equald.	100 lbs.	2.25	—
bbls., same basis.	100 lbs.	2.45	—
l.c.l., bgs., works, frt. equald.	100 lbs.	2.50	—
cryst., bbls., same basis.	100 lbs.	2.70	—
pea, bgs., c.l., works.	100 lbs.	2.60	—
bbls., works.	100 lbs.	2.80	—
dms., works.	100 lbs.	3.10	—
5,000 lbs. and over, bgs., works.	100 lbs.	2.75	3.00
bbls., works.	100 lbs.	2.95	3.20
dms., works.	100 lbs.	3.25	3.60
2,500 to 5,000 lbs., bgs., works.	100 lbs.	2.85	3.10
bbls., works.	100 lbs.	3.05	3.30
dms., works.	100 lbs.	3.35	3.90
500 to 2,500 dms., works.	100 lbs.	3.10	3.35
bbls., works.	100 lbs.	3.30	3.55
dms., works.	100 lbs.	3.60	3.85
less than 500 lbs., bgs., works.	100 lbs.	3.70	3.95
bbls., works.	100 lbs.	3.90	4.15
dms., works.	100 lbs.	4.20	4.45
Iodate, jars.	lb.	5.40	—
Iodide, jars.	lb.	2.42	—
bots.	lb.	2.52	2.97
Mandelate, 100-lb. dms.	lb.	3.25	—
Metanilate, bgs.	lb.	.40	—

Soda, metasilicate, anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
15 dms. and over, dlvd. N.Y. 100 lbs. 4.90 - —
3-14 dms., same basis..... 100 lbs. 5.05 - —
1-2 dms., same basis.100 lbs. 5.30 - —
gran., bbls., c.l., works....lb. 2.50 - —
10 bbls. and over, dlvd. N.Y. lb. 2.30 - —
1-9 bbls., dlvd. N.Y.....lb. 2.55 - —
Molybdate,[6] anhyd., kgs., works, lb. .47 - —
Monohydrated, bbls., N. Y. 100 lbs. 3.00 - —
works .....100 lbs. 2.55 - —
Naphthionate, bbls.....lb. .50 —
Nitrate,[6] dom., c.l., 100-lb. bgs., livd., f.o.b. cars Hopewell, Va..ton.30.00 - —
200-lb. bgs., same basis, ton.29.25 - —
bulk, f.o.b. Hopewell, va..ton.27.00 - —
imp., c.l., 100-lb. bgs., f.o.b. cars, Atl., Gulf, Pac. warehouses..ton.33.00 - —
200-lb. bgs., same basis... ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons. 100 lbs. 3.60 - —
1-9 tons.....100 lbs. 3.75 - —
smaller lots.....100 lbs. 4.00 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized, lb. .06¾- —
West Coast, f.o.b. ports. 100 lbs. 8.00 - 8.65
l.c.l. .....100 lbs. 8.90 -11.90
Soda niterite l.c.l. prices range represents delivery at various points.

Soda, orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
15 dms. and over, same basis..lb. 5.45 - —
3-14 dms., same basis...lb. 5.60 - —
1-2 dms., same basis....lb. 5.85 - —
flake, dms., c.l., works.. 100 lbs. 3.15 - —
10 bbls. and over, dlvd. N.Y.C..100 lbs. 4.30 - —
1-9 bbls., same basis.100 lbs. 4.55 - —
Oxalate, neut., bbls.....lb. .09½- —
Perborate, NF, bbls., c.l., works, lb. .14¾- —
l.c.l., works.....lb. .15¾- —
Pentachlorophenate briquets, single bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .20 - —
490 lbs., bgs., works.....lb. .18 - —
powd., 100 lbs., kgs., works..lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works.....100 lbs. 6.00 - 6.25
l.c.l., works.....100 lbs. 6.50 - 7.25
bbls., c.l., works....100 lbs. 6.20 - 6.45
l.c.l., works.....100 lbs. 6.70 - 7.45
cryst., tech., bgs., c.l., works. 100 lbs. 2.55 - 2.70
l.c.l., works.....100 lbs. 2.95 - 3.45
bbls., c.l., works...100 lbs. 2.75 - 2.90
l.c.l., works...100 lbs. 3.15 - 3.65
monobasic, anhyd., c.l., works, 100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
bbls., c.l., works.....100 lbs. 7.45 - 8.45
l.c.l., works.....100 lbs. 8.20 - 9.20
tribasic, bgs., c.l., works. 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.45 - —
bbls., c.l., works.....100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.65 - —
kegs, c.l., works.....100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —

Soda, phosphate, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
bbls., c.l., same basis.. 100 lbs. 6.20 - —
l.c.l., same basis..100 lbs. 6.70 - —
USP (dibasic), bbls., dms., works..lb. .08 - .10
dried, bbls., dms., works..lb. .11½- .12
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .11 - —
contracts[3] .....lb. .10 - —
smaller lots.....lb. .11¼- —
contracts .....lb. .10¼- —
Pyrophosphate,[3] anhyd., bgs., c.l., works, frt. equalized. 100 lbs. 5.25 - 6.10
5 tons and over, same basis. 100 lbs. 5.40 - 6.25
less than 5 tons, same basis..100 lbs. 5.75 - 6.60
bbls., c.l., works, frt. equalized..100 lbs. 5.45 - 6.30
5 tons and over, same basis. 100 lbs. 5.60 - 6.45
less than 5 tons, same basis..100 lbs. 5.95 - 6.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd. N. Y....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls., dlvd N. Y.....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, bgs.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works...100 lbs. 1.70 - —
l.c.l., Zone 1.....100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 3.10 - —
4 .....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.

Soda, sesquisilicate, dms., c.l., works..100 lbs. 3.05 - —
150 bbls. or over, dlvd. N.Y.C. 100 lbs. 4.30 - —
1-9 bbls.....100 lbs. .80 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works. 100 lbs. 1.05 - —
1 to 4, works....100 lbs. 1.20 - —
tanks, wks.....ton.13.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works. 100 lbs. 1.65 - —
1 to 4, works....100 lbs. 1.80 - —
tanks, wks.....ton.25.00 - —
Silicofluoride, bbls., c.l., works.. lb. .05 - —
l.c.l., same basis.....lb. .05½- —
Stannate, dms.....lb. .35½- .36¼
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or over, works.. 100 lbs. 1.95 - 2.15
less than 5 tons, works.. 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
NF, VI, desiccated, powd., bbls..lb. .07 - .07½
USP, cryst., gran., bbls...lb. .10 - .10½
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.90 - —
less than 5 tons, dlvd. 100 lbs. 3.15 - —
solid, bbls., c.l., works..100 lbs. 3.15 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.65 - —
less than 5 tons, dlvd. 100 lbs. 3.90 - —
Sulphite, cryst., 100-lb. bgs., works..lb. 2.10 - 2.35
bbls.....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1 to 4.....100 lbs. 6.00 - —
Sulphocarbolate, gran., bbls., dms..lb. .26 - .28
Sulphocyanide, C.P., dms....lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., f.o.b. works..lb. .06½- —
l.c.l., works.....lb. .06 - —
single dm. lots, works. lb. .08 - —
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinolate, bbls.....lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate,[4] CP, kgs.....lb. No prices
tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, standard cont. (125-250 lbs.) lb. .19 - .22
Solvent, naphtha,[2] dms., wks.gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .27 - —
W. Coast, f.o.b. Mineque, Colo..gal. .27 - —
high-flash, dms., works.....gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
Sorbitol,[6] com'l, dms., works..lb. .17¾- —
Soybean meal, 41% and 44% protein old process, bulk, Decatur, Ill., January delivery..ton.32.25 - —
Soybean meal, 41% and 44% protein, old and new process, bulk, Decatur, Ill., February-March deliveries, ton.32.50 -32.75
protein, alpha, bgs., 60,000 lbs. min., works..lb. .17 - —
40,000-60,000 lbs., same basis, lb. .17 - —
20,000-40,000 lbs., same basis, lb. .17¼- —
100-20,000 lbs., works.....lb. .17½- —
less than 100 lbs., same basis, lb. .21 - —
Sparteine sulphate, bots., cns..oz. 3.25 - 3.90
Spearmint leaves, bls.....lb. .35 - .36
Spikenard root, bls.....lb. .26 - .27
Spruce extract, reg., bbls., c.l., works..lb. .02¼- —
tanks, works.....lb. .01¼- —
powd., super, bgs., c.l., works. lb. .04½- —
Squawvine, leaves, bls.....lb. .14 - .15
Squill, red, powd.....lb. .85 - .88
White, bls.....lb. .16 - .18
powd., bbls., bxs.....lb. .26 - .28
St. Ignatius beans, bgs.....lb. .45 - .60
St. John's Bread, edible, bls..lb. .25 - .30
Starch, corn, pearl, bxs., f.o.b. Chicago100 lbs. 3.10 - —
dlvd., N. Y.....100 lbs. 3.47 - —
Starch, corn, powd., bgs., f.o.b. Chicago..100 lbs. 3.20 - —
dlvd., N. Y.....100 lbs. 3.57 - —
Potato, dom., bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0760- —
import, bgs.....lb. No prices
Rice, bgs.....lb. .09 - .10
Sweetpotato, bgs.....lb. .06¼ Nom.
bbls.....lb. .07 Nom.
Wheat, thick, boil, bgs.....lb. .05 - —
Starch, iodide, bots.....lb. 1.87 - —
Staveacre, seed, bgs.....lb. No prices
Stearin, oleo.....lb. .1054- —
Stillingia root, bls.....lb. .11 - .12
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.75 - 1.80
Stramonium leaves, bgs.....lb. .23 - .24
seed, bgs.....lb. .20 - .21
Strontium bromide, cns.....lb. .53 - .55
Carbonate, NF, IV, 250-lb. bbls..lb. No prices
tech., 90% precip., bbls....lb. .25 Nom.
Chloride, tech., bbls.....lb. .23 - .26
Iodide, bots., 5 lbs.....lb. 3.00 - —
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, dom., bbls., c.l., works. lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Oxalate, bbls.....lb. .06 - —
Salicylate, bbls., kgs.....lb. 1.10 - —
dms.....lb 1.13 - —
Sulphate, nat., 92% min., SrS_4, air-floated, 300 mesh, c.l., works..ton.52.00 - —
5 to 15 ton lots, same basis..ton.54.00 - —
Strophantin, bots.....oz.30.00 - —
Strophanthus seed, Kombe, bgs.lb. 2.75 - 2.95
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, cryst., cns., 100-oz. lots..oz. .70 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .88 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .91 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .88 - —
Glycerophosphate, 25-oz. cans., 100-oz. lots..oz. .89 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .85 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. 1.00 - —
Nitrate, 25-oz. cns., 100-oz. lots. oz. .82 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .89 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .88 - —
powd., cns., 100-oz. lots.oz. .48 - —

Caustic Soda

PROMPT SHIPMENTS

QUICK HANDLING

Penn Salt Liquid Caustic Soda is shipped in tank cars specially designed for speedier, safer unloading. These modern 8000-gallon tank cars have a protective lining, are insulated and are equipped with caustic resistant valves and interior fittings. They can be quickly and completely emptied—no wasted caustic, no lost time.

Penn Salt Caustic Soda is supplied as 50% and 72-73% solutions in tank car quantities; as a solid in 750 lb. drums; or in flake form in 400 lb. and 125 lb. drums.

Our technical staff is at your service for help with handling problems. Write for complete information. Pennsylvania Salt Manufacturing Company, 1000 Widener Building, Philadelphia, Pa. Branch Offices: New York • Chicago • St. Louis • Pittsburgh • Wyandotte • Tacoma.

PENN SALT Chemicals

Sucrose octa-acetate, C.P. grade, bbls., l.c.l., works	lb.	.55	- —
denat., bbls., l.c.l., works	lb.	.45	- —
tech., bbls., l.c.l., works	lb.	.40	- —
Sugar coloring, bbls	gal.	.70	- 1.40
Sugar of milk (See Milk sugar)			
Sulfadiazin, 100 lb. dms	lb.	13.00	- —
Tablets, bots 50's	ea.	4.86	- —
100's	ea.	8.46	- —
1,000's	ea.	72.00	- —
Sulfaguanidine, 100 lb. dms	lb.	5.50	- —
2.5-gm. bot	doz.	2.50	- —
4-oz. bots	ea.	8.10	- —
1-lb. bots	ea.	30.00	- —
Sulfanilamide, 5 lbs., bots., 5 lb. dms., 1,000 lbs., 1 delivery	lb.	1.00	- —
100 lbs	lb.	1.05	- —
25-lb. lots	lb.	1.20	- —
Sulfapyridine, powd., 1,000-lb. lots, bots., tins	lb.	5.00	- —
500-lb. lots, bots., tins	lb.	5.10	- —
100-lb. lots, bots., tins	lb.	5.15	- —
25-lb. lots, bots., tins	lb.	5.30	- —
Sulfathiazole, 1,000-lb. lots, dms.	lb.	4.00	- —
500-lb. lots, dms	lb.	4.10	- —
100-lb. lots, dms	lb.	4.15	- —
25-lb. tins	lb.	4.30	- —
1-5 lb. bots	lb.	4.45	- 4.50
Sesquihydrate, prices same as sulfathiazole.			
Sulphonethylmethane, kgs	lb.	6.75	- 6.80
Sulphonmethane, kgs	lb.	5.25	- —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts	long ton.	16.00	- —
flour, comm'l, bgs., c.l.	100 lbs.	1.90	- —
l.c.l.	100 lbs.	2.40	- —
flowers, USP, bgs., c.l.	100 lbs.	3.30	- —
l.c.l.	100 lbs.	3.80	- —
bbls., c.l.	100 lbs.	3.65	- —
l.c.l.	100 lbs.	4.15	- —
refined, cast, bgs., c.l.	100 lbs.	2.45	- —
l.c.l.	100 lbs.	2.95	- —
heavy, USP, bgs., c.l.	100 lbs.	2.85	- —
l.c.l.	100 lbs.	3.35	- —
bbls., c.l.	100 lbs.	3.20	- —
l.c.l.	100 lbs.	3.70	- —
light, USP, bgs., c.l.	100 lbs.	2.95	- —
l.c.l.	100 lbs.	3.45	- —
bbls., c.l.	100 lbs.	3.30	- —
l.c.l.	100 lbs.	3.80	- —
lumps, bgs., c.l.	100 lbs.	2.45	- —
l.c.l.	100 lbs.	2.95	- —
bbls., c.l.	100 lbs.	2.80	- —
l.c.l.	100 lbs.	3.30	- —
rolls, bgs., c.l.	100 lbs.	2.65	- —
l.c.l.	100 lbs.	3.15	- —
Prices at the mine for various grades refined sulphur 50c. less per 100 pounds.			
rubbermakers, comm'l, 99½%, bgs., c.l., frt. alld.	100 lbs.	2.20	- —
refined, 100%, bgs., c.l., frt. alld.	100 lbs.	2.55	- —
Chloride, 55-gal. dms., c.l.	lb.	.03	- .03½
l.c.l., dms., works	lb.	.04	- .04½
10-gal. dms., c.l.	lb.	.07	- .07½
l.c.l.	lb.	.08	- .08½
Dioxide, liquid, comm'l, cyls., works	lb.	.07	- .08
multi-unit, cars, works	lb.	.04½	- .06
tanks, works	lb.	.04	- .06
refrigeration, cyls., works	lb.	.13	- .21
multi-unit cars, works	lb.	.06½	- —
Iodide, bots., jars	lb.	3.90	- 4.05
Precipitated, USP, bbls	lb.	.18	- .27
Sumac, grd., Sicilian, f.a.s.	ton.	No prices	
leaf, f.a.s.	ton.	No prices	
extract, bbls., No. 1	lb.	.02	- —
No. 2	lb.	.07	- —
stainless, bbls	lb.	.09	- .11
Berries, bxs	lb.	.12	- .13
Sunflower seed, Calif., large, bgs.	lb.	.10	- .10½
medium, bgs	lb.	.09½	- .10
poultry	lb.	.09	- .09½
Superphosphate, run-of-pile, basis 16% a.p.a., bulk, f.o.b. cars, boats, Balto.	unit-ton.	.60	- .64
	net ton.	9.60	-10.24
guaranteed 16% a.p.a., bulk, plus flattening charge of 50c.,	unit-ton.	.63½	- .67½
	net ton.	10.10	-10.74
20% a.p.a., bulk, same basis,	spot. unit-ton.	.63½	- .68
	net ton.	12.75	-13.60
triple, bulk, f.o.b. cars, Balto.,	spot. unit-ton.	.85	- —

T

Talc., dom., aluminum flake-type, grd., c.l.	ton.	14.50	-24.50
l.c.l.	ton.	16.50	-30.00
Calif., c.l.	ton.	17.50	-42.00
N. Y. fibrous, 325 mesh, 93-94%, c.l.	ton.	13.00	-18.00
99-99½%, c.l.	ton.	15.25	-19.25
99.95%, c.l.	ton.	17.00	-21.00
coarse, off-color, c.l.	ton.	13.00	- —
Pennsylvania, c.l.	ton.	11.00	-12.50
l.c.l.	ton.	12.00	-14.50
Vermont, c.l.	ton.	14.00	- —
l.c.l.	ton.	15.00	- —
imp., Canadian, c.l., divd. N. Y.	ton.	24.00	-30.00
French	ton.	No prices	
Italian	ton.	No prices	
Talc, domestic, is quoted at the mills in bag packaging.			
Tallow,[1,5] edible, tanks	lb.	.09¾	- —
ined., extra, tanks	lb.	.08¾	- —
special, tanks	lb.	.08¼	- —
Tallow, sulphonated, 35% (34% fat), dms., c.l.	lb.	.06¾	- —
l.c.l.	lb.	.06¾	- —
50% (43% fat), dms., c.l.	lb.	.06¾	- —
l.c.l.	lb.	.07¾	- —
50% (48% fat), dms., c.l.	lb.	.07¾	- —
l.c.l.	lb.	.08¾	- —
Tamarind, No. 1, bbls	lb.	.10	- .13
kegs	lb.	7.45	- —
Tankage, dom., fertilizer, animal, bulk, basis N.Y.	unit-ton.	4.50	& .10
grd., 9% ammon., 10% b.p.l., 10-11% ammon., 15% b.p.l., bulk, basis Chi.	unit-ton.	4.00	& .10
feeding, unground, 9-11% ammon., bulk, basis N. Y.,	unit-ton.	5.10	- —
basis Chicago	unit-ton.	5.55	- —
Tansy leaves, bls	lb.	.23	- .24
Tapioca flour, Brazil, bgs	lb.	.06¾	- .06½
Java, bgs	lb.	.04¾	- .07¼
Tar acid oil,[6] 10%, dms., c.l., works	gal.	.27½	- —
l.c.l., same basis	gal.	.29½	- —
25%, dms., c.l., works	gal.	.31½	- —
l.c.l., same basis	gal.	.33½	- —
Tar, pine, retort, dms., divd. E. cities	gal.	.30	- .32
tanks, divd. E. cities	gal.	.24½	- —
Tarragon herb, bgs	lb.	1.70	- 1.75
Tartar emetic, tech., fine gran. or powd., bbls., kgs., 5 or more	lb.	.47¾	- —
less than 5	lb.	.48	- —
dms.	lb.	.48½	- .51
USP, powd., bbls	lb.	.52¾	- .53
Terpin hydrate, cryst., bbls., dms.,	lb.	.70	- .72
powd., bbls., dms	lb.	.75	- .77
Terpineol, dms	lb.	.35	- .50
alpha, denat. grade, dms., c.l., works, net wght.	lb.	.17	- —
Terpinyl acetate, cns	lb.	.87	- —
dms.	lb.	.85	- —
Terra alba (see Gypsum).			
Tetrachlorethane, dms., works	lb.	.08	- .08½
Tetrachlorethylene, CP, dms	lb.	.21½	- —
tech. (see Perchlorethylene).			
Tetralin, dms	lb.	.19	- —
Tetrasodium pyrophosphate (see Soda pyrophosphate).			
Thallium sulphate, 99% pure, bots., works	lb.	12.50	- —
Theobromine,[6]	lb.	2.65	- —
Sodiosalicylate,[6] dms	lb.	No prices	
Thiamine hydrochloride, bots., cns., 100 grams or more	gram.	.37	- —
smaller lots	gram.	.40	- —
Thiocarbanilide, dms	lb.	.24	- —
Thiourea, CP, dms	lb.	.55	- .56
Thorium, nitrate, cs., works	lb.	2.00	- —
Thyme,[1] French, bls	lb.	.89	- 1.62
Morocco, bls	lb.	.21	Nom.
Spanish, bls	lb.	.25½	- .26
Thymol, cns., 25 lbs	lb.	2.75	- 3.00
Iodide, kgs., 50 lbs	lb.	3.40	- —
25 lbs	lb.	3.50	- —
Tikitiki (see Rice bran).			
Timbo root (see Cube root).			
Tin chloride, anhydrous	lb.	.46	- .48½
Crystals, bbls., bgs	lb.	.29	- .29½
Metal,[1,6] Straits	lb.	.52	- —
Oxide, bbls.		No prices	
Tetrachloride, anhyd., bbls.	lb.	No prices	
Titanium,[1] dioxide, bgs., c.l. (20 tons)	lb.	.14½	- —
l.c.l., 5 tons, single delivery,	lb.	.14¾	- —
1,000-9,999 lbs	lb.	.15	- —
50-999 lbs	lb.	.15¼	- —
bbls., c.l. (20 tons)	lb.	.14¾	- —
l.c.l., 5 tons, single delivery,	lb.	.15	- —
1,000-9,999 lbs	lb.	.15¼	- —
50-999 lbs	lb.	.15½	- —
non-chalking, bgs., c.l. (20 tons).	lb.	.16¼	- —
l.c.l., 5 tons, single delivery.	lb.	.16¾	- —
1,000-9,999 lbs	lb.	.17	- —
50-999 lbs	lb.	.17¼	- —
Titanium, non-chalking, bbls., c.l. (20 tons)	lb.	.16¾	- —
l.c.l., 5 tons, single delivery	lb.	.17	- —
1,000-9,999 lbs	lb.	.17¼	- —
50-999 lbs	lb.	.17½	- —
chalk-resistant, bgs., c.l. (20 tons)	lb.	.15	- —
l.c.l., 5 tons, single delivery	lb.	.15½	- —
1,000-9,999 lbs	lb.	.15½	- —
50-999 lbs	lb.	.15¾	- —
bbls., c.l. (20 tons)	lb.	.15¼	- —
l.c.l., 5 tons, single delivery.	lb.	.15½	- —
1,000-9,999 lbs	lb.	.15¾	- —
50-999 lbs	lb.	.16	- —
barium or magnesium base, bgs., c.l. (20 tons)	lb.	.05¾	- —
l.c.l.	lb.	.06	- —
bbls., c.l. (20 tons)	lb.	.06	- —
l.c.l.	lb.	.06¼	- —
calcium base, bgs., c.l. (20 tons),	lb.	.05½	- —
calcium-rutile base, bgs., c.l. (20 tons)	lb.	.05½	- —
l.c.l.	lb.	.05¾	- —
bbls., c.l. (20 tons)	lb.	.05¾	- —
l.c.l.	lb.	.06	- —

Carload prices are f.o.b. factories with actual freight paid. Less than carload prices are f.o.b. factories or ex warehouse with actual freight or trucking paid, except on the Pacific Coast, where they are f.o.b. warehouses. Pacific Coast prices are ½c. per lb. higher than the above. When shipped in barrels, prices are ½c. per pound higher.

Tetrachloride, CP, dms., works, 55 gals.	lb.	.57	- —
10-gal. dms., same basis	lb.	.65	- —
5-gal. dms., same basis	lb.	.70	- —
smaller pkgs	lb.	.90	- 1.25
Titanium, tetrachloride, technical, dms., works, 55 gals.	lb.	.32	- —
10-gal. dms., same basis	lb.	.40	- —
5-gal. dms., same basis	lb.	.45	- —
smaller pkgs	lb.	.65	- 1.00
Toluene (see Toluol).			
Toluidin base, distilled, kgs	lb.	.96	- —
Tolu, balsam, cns	lb.	.85	- .86
Toluidin, mixed, dms	lb.	.26	- —
Toluol,[2,3,6] (toluene), 2° indus., dms., returnable	gal.	.23	- —
tanks, E. of Omaha, frt. alld.,	gal.	.23	- —
W. Coast, f.o.b. Minnequa, Colo.	gal.	.23	- —
1° nitration,[6] dms., returnable,	gal.	.24½	- —
tanks, E. of Omaha, frt. alld.,	gal.	.23½	- —
W. Coast, f.o.b. Minnequa, Colo.	gal.	.23½	- —
Tonga, NF, 50% bark and vine, bls.	lb.	.90	- .95
Tonka beans, Angostura, cks.	lb.	2.50	- 3.00
Brazilian, Surinam, cs.	lb.	.95	- 1.10
Totaquine,[1] USP XII, 100 to 2,000-oz. lots	oz.	.25	- —
25-oz. lots	oz.	.28	- —
Triacetin, dms	lb.	.26	- —
Triamyl borate, dms., l.c.l., works,	lb.	.32	- —
Triamylamine, dms., c.l., works,	lb.	.96	- —
l.c.l.	lb.	1.01	- —
Tributylamine, dms., c.l., works,	lb.	.78	- —
l.c.l.	lb.	.81	- —
Tributyl citrate, ton lots, 475-lb. dms.	lb.	.29	- —
single dms	lb.	.31	- —
smaller lots	lb.	.40	- —
Phosphate, dms., l.c.l., divd., cns., works	lb.	.47	- —

—Prevent—
corrosion with chromium chemicals

THE remarkable properties of Bichromates and Chromates, for inhibiting corrosion, together with their low cost, had attracted wide attention before the war and were being used extensively by many industries as a matter of routine economy.

Now, quite apart from economic factors, they are of special value, as anything that can prolong the life of metal is vital to our war effort. Some of the present uses include:

RECIRCULATING WATER SYSTEMS—SAND-BLASTING
REFRIGERATION BRINES - AUTOMOBILE RADIATORS
COOLING SYSTEMS FOR DEISEL ENGINES—BUOYS
AIR-CONDITIONING SYSTEMS—SEAPLANE FLOATS
SEAPLANE PONTOONS—AIRCRAFT FUEL TANKS

Adequate supplies are available. Only very small quantities are necessary for effective results. Available from distributors' warehouses in most industrial centers.

Our booklets: "Chromium Chemicals as Corrosion Inhibitors" and "Corrosion in the Refrigeration Industry" will be sent upon request.

MUTUAL CHEMICAL CO. OF AMERICA

Mutual Chemical Co. of America

270 MADISON AVENUE, NEW YORK

Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —

Trichlorethylene,[5] Zone 1, dms., c.l., works, frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Trichlorethylene, Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Ida., Ore., Nev., Wash., Utah and Cal.

Tricresylphosphate,[4,6] CP, cns., works..lb. .43½- .54½
dms., c.l., dlvd.....lb. .37½- —
smaller lots, dlvd.....lb. .40½- —
tech., cns., works.....lb. .28½- .43½
dms., c.l., dlvd.....lb. .25 - .31
smaller lots, dlvd.....lb. .25½- .31½
tanks, dlvd.....lb. .24 - .30

Triethanolamine,[6] dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —

Triethylamine, dms., l.c.l., works, lb. 1.16 - —

Triethyleneglycol,[4] dms., l.c.l.lb. .26 - —

Triethyl citrate, ton lots, 500-lb. dms..lb. .24 - —
single dms.....lb. .26 - —

Triethyl phosphate, cns.....lb. .46 - —

Trimethylamine, dms., c.l., dlvd., lb. .85 - —
l.c.l., dlvd.....lb. .90 - —

Triphenyl phosphate,[6] bbls....lb. .31 - .33

Tripoli, air - floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works, ton.17.50 - —
once-grd., bgs., c.l., wks.ton.16.00 - —

Trisodium phosphate (see Soda phosphate, tribasic).

Tuba root (see Derris root).

Tungsten metal, powd., [4] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices

Turmeric root, Alleppey, bgs..lb. .09½- 10
Madras, bgs.....lb. .10 - .10½

Turpentine, gum, dms., c.l., ex dock..gal. .75½- —
l.c.l.....gal. .77½- .79½
wood, dest. dist., dms., dlvd., E. cities..gal. .55 - .58
tanks .....gal. .50 - —
steam-dist., dms.....gal. .64 - .67
tanks .....gal. .59 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).

Uranium oxide, black, bgs.....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —

Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W.Va., Metropolitan New York, Phila., Wilmington, Del., Baltimore, Wilmington, N. C., Charleston, Savannah, Jacksonville....ton.80.00 - —

Urea, dom., 40%N, bgs., l.c.l., f.o.b. Belle, W. Va..ton.82.50 - —
5-19 tons, f.o.b. Boston, New York, Philadelphia, Wilmington, Del., Baltimore..ton.85.00 - —
less than 5 tons, f.o.b. New York, Phila..ton.90.00 - —
import, 40% N., bgs., 5 tons, f.o.b. Atl. Gulf ports or Belle, W. Va., ship..ton. No prices
smaller lots, f.o.b. N. Y. whse..ton. No prices
pure, cs.....lb. .12 - —

Urea, fertilizer compound, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl. Gulf ports..ton.57.40 - —

Urea-ammonia liquor, 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atlantc Gulf ports ton.121.58 - —

37% N. (insoluble), f.o.b. Belle, W. Va., or Atl., Gulf ports, ton.127.00 - —

Uva ursi leaves, bls.....lb. .25 - .27

V

Valerian root, Belgian, bls....lb. 1.45 - 1.50
Eastern, bls.....lb. .95 - 1.00

Valonia, beards, bgs., f.a.s..ton. No prices
cups, bgs, f.a.s.....ton. No prices

Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —

Vanilla beans,[1] Bourbon, tins..lb.10.00 - —
Java, tins.....lb. 9.50 - —
Mexican, whole, tins.....lb.11.00 - —
cuts, tins.....lb.10.00 - —
Tahiti, white label, tins....lb. 6.00 - —
yellow label, tins.....lb. 5.75 - —
West Indian, tins.....lb.10.00 - —

Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex-guaiacol, 25-lb. tins.....lb. 2.35 - —
5-lb. tins.....lb. 2.40 - —
1-lb. tins.....lb. 2.50 - —
ex lignin, any quantity, 25-lb. tins..lb. 2.35 - —
5-lb. tins.....lb. 2.40 - —
1-lb. tins.....lb. 2.65 - —

Venice turpentine, true, cs....lb. No prices
artificial, cs.....lb. .24 - .25

Verdigris, bbls., kgs.....lb. .22 - .23

Vinyl acetate, 5-gal. cbys., works, lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
5 gals., dms., works.....lb. .20 - —

Ether, 75 c.c. .....bot. 1.30 - —
50 c.c.....bot. .73½- —
25 c.c.....bot. .45½- —

Vitamin A (see Oils, codliver, halibut liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut liver).
E (see Alpha Tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic; acid, nicotinic amide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum, naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .48 - .49
tree .....lb. .28 - .29

Wattle bark, bgs., f.a.s.....ton.41.00 -43.00
Extract, solid, bgs.....lb. .0447½-.0460
liquid, tanks.....lb. .05 - —
bbls .....lb. .05¾- —

Wax, amorphous, Group 3, 160-165 m.p., works, Okla., yearly contracts, amber, 60,000 lbs.lb. .14¼- —
30,000 lbs., same basis, lb. .14½- —
20,000 lbs., same basis, lb. .14¾- —
10,000 lbs., same basis, lb. .15 - —
5,000 lbs., same basis, lb. .15¼- —
less than 5,000 lbs., lb. .15½- —
black, 60,000 lbs., same basis..lb. .12¾- —
30,000 lbs., same basis, lb. .13 - —
20,000 lbs., same basis, lb. .13¼- —
10,000 lbs., same basis, lb. .13½- —
5,000 lbs., same basis, lb. .13¾- —
less than 5,000 lbs., lb. .14 - —
white, 60,000 lbs., same basis..lb. .24¾- —
30,000 lbs., same basis, lb. .25 - —
20,000 lbs., same basis, lb. .25¼- —
10,000 lbs., same basis, lb. .25½- —
5,000 lbs., same basis, lb. .25¾- —
less than 5,000 lbs., lb. .26 - —
180-185 m.p., amber, 60,000 lbs., same basis..lb. .16¼- —
30,000 lbs., same basis, lb. .16½- —
20,000 lbs., same basis, lb. .16¾- —
10,000 lbs., same basis, lb. .17 - —
5,000 lbs., same basis, lb. .17¼- —
less than 5,000 lbs., same basis..lb. .17½- —
black, 60,000 lbs., same basis..lb. .14¾- —
30,000 lbs., same basis, lb. .15 - —
20,000 lbs., same basis, lb. .15½- —
10,000 lbs., same basis, lb. .15½- —
5,000 lbs., same basis, lb. .15¾- —
less than 5,000 lbs., lb. .16 - —
white, 60,000 lbs., same basis..lb. .28¾- —
30,000 lbs., same basis, lb. .29 - —
20,000 lbs., same basis, lb. .29¼- —
10,000 lbs., same basis, lb. .29½- —
5,000 lbs., same basis, lb. .29¾- —
less than 5,000 lbs., same basis..lb. .30 - —

Quotations, f.o.b. Chicago, ½c. per lb. higher; f.o.b. Philadelphia, 1c. per lb. higher than above figures.

Bayberry, bgs.....lb. .25 - .26

*Bees,[1] yellow, crude, ton lots or more, bgs., f.o.b. N. Y.:—
Central & S. A., sun-bleachable, same basis, lb. .44¾- —
unbleachable, same basis, lb. .41½- —
African, sun-bleachable, or nonsun-bleachable, same basis..lb. .37½- —
refined, USP, slabs, same basis..lb. .52½- —
bricks, same basis.....lb. .53½- —
discs, same basis.....lb. .55½- —
5-lb. ctns., same basis.lb. .56½- —
2-lb. ctns., same basis.lb. .57½- —
1-lb. ctns., same basis.lb. .58½- —
rounds, or squares, same basis..lb. .57½- —
5-lb. ctns., same basis.lb. .58½- —
2-lb. ctns., same basis.lb. .59½- —
1-lb. ctns., same basis.lb. .60½- —
bleached, sun or chemical, USP, same basis..lb. .57 - —
bricks, same basis.....lb. .58 - —
discs or cakes, same basis lb. .60 - —
5-lb. ctns., same basis.lb. .61 - —
2-lb. ctns., same basis.lb. .62 - —
1-lb. ctns., same basis.lb. .63 - —

*Candelilla, crude, one ton or more, bgs., f.o.b. N.Y..lb. .38 - —
refined, bgs., same basis...lb. .44 - —

Note—For prices on powdered candelilla wax, add the following amounts to the above schedule:—20 mesh, 5c. per lb.; 80 mesh, 5½c.; 100-200 mesh, 6c.

*Carnauba,[1] ton or more, bgs., f.o.b. N.Y.—
Yellow, No. 1, same basis..lb. .83½- —
No. 2, same basis.....lb. .81½- —
No. 3, same basis.....lb. .79 - —
North Country, No. 2, same basis..lb. .75¾- —
No. 3, same basis.....lb. .73½- —

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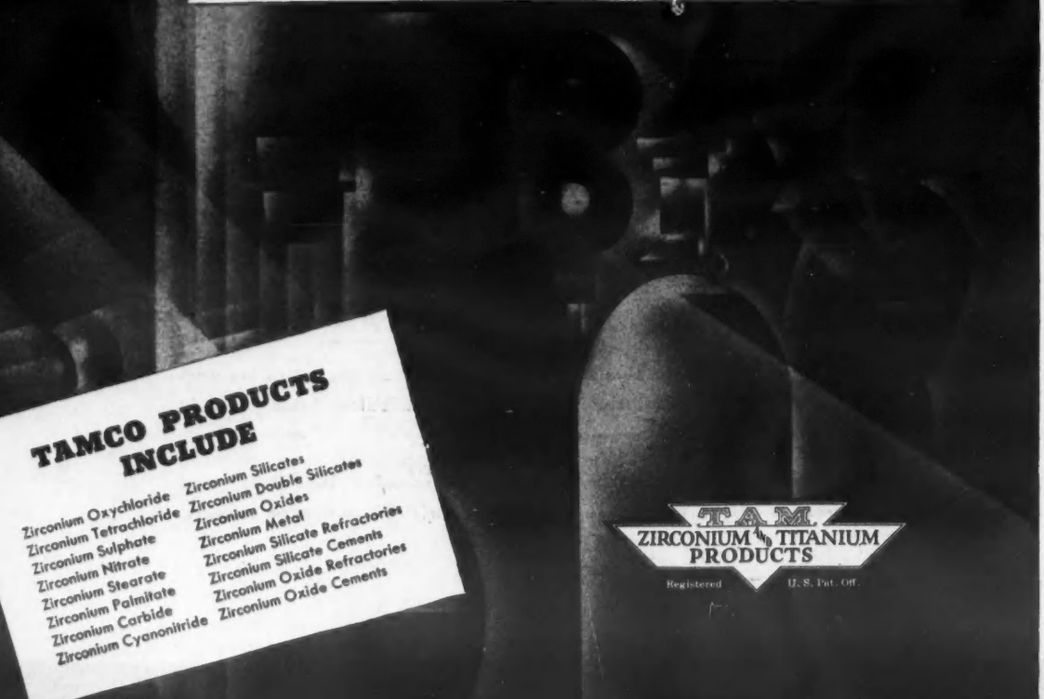

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Wax, carnauba, chalky, No. 3, same basis	lb.	.71½	—
Refined, No. 3 North Country, same basis	lb.	.76½	.80

Note—For prices on powdered carnauba wax, add the following amounts to the above schedule:—20 mesh, 5c. per lb.; 80 mesh, 5½c.; 100-200 mesh, 6c. per lb.

Ceresin, dom., 135°-140° m.p., bgs., 1 ton	lb.	.13½	.14
jobbing lots	lb.	.14½	.15
150°-160° m.p., bgs., 1 ton	lb.	.15½	.16
jobbing lots	lb.	.16½	.17
160°-170° m.p., bgs., 1 ton	lb.	.16½	.17
jobbing lots	lb.	.17½	.18
Japan, cs	lb.	No stocks	
Wax, Montan, bgs	lb.	.45	.46
*Ouricury, 1-ton lots or more, bgs., f.o.b. N.Y.	lb.	.48½	.51½
refined, bgs., same basis	lb.	.62	—

Note—For prices on powdered ouricury wax, add the following amounts to the above schedule:—20 mesh, 5c. per lb.; 80 mesh, 5½c.; 100-200 mesh, 6c.

Ozokerite, import, hard, green, congeal, p. 66°-68° C., bgs.,	lb.	No stocks	
70°-72° C., bgs	lb.	No stocks	
74°-76° C., bgs	lb.	No stocks	
snow-white, pure, 76°-78° C., bgs.	lb.	No stocks	
yellow, natural, 76°-78° C., bgs.	lb.	No stocks	

Paraffin (see P).

Spermaceti, blocks, cs	lb.	.26	.27
cakes, cs	lb.	.27	.28

* Note—On single sales of carnauba candelilla and ouricury waxes in less than ton lots, the following additions to maximum prices above may be made:—200 lbs. to 1 ton, 1c. per lb.; more than 100 lbs. and not less than 200 lbs., 3c. per lb.; 50 to 100 lbs., 5c.; and 1 to 49 lbs., 10c.

White lead (see *Lead*, white).

White pine bark, rossed, bls.	lb.	.08	.09
White precipitate,[9] powd., dms., 50 lbs. or more	lb.	2.54	—
Whiting, chalk, dry-grd., c.l.	ton.	18.00	-22.00
l.c.l.	ton.	20.00	-24.00
wet-grd., c.l.	ton.	21.00	-25.00
gilders, bolted, c.l.	ton.	20.00	-24.00
l.c.l.	ton.	21.00	-24.00
extra bolted, c.l.	ton.	22.00	-26.00
l.c.l.	ton.	23.00	-27.00
Paris white, c.l.	ton.	24.00	-28.00
l.c.l.	ton.	25.00	-29.00
Limestone, airfloated, 99¾%, 250 mesh, c.l.	ton.	9.35	-10.10
200 mesh, c.l.	ton.	8.60	- 9.50
90%, 200 mesh, c.l.	ton.	6.25	- 7.00
water-floated, gilders' putty grade, c.l.	ton.	12.00	-13.00
l.c.l.	ton.	13.50	-16.00
dry ground, 325 mesh, 40 tons, f.o.b. New England plant,	ton.	6.00	—
l.c.l., up to 5 tons, same basis	ton.	7.00	—
less than 5 tons, same basis	ton.	9.00	—
Wild cherry bark, thick, natural, bls.	lb.	.05½	.06
rossed, bls.	lb.	.15	.18
thin, natural, bls.	lb.	.09½	.10
rossed, green, bls.	lb.	.12	.13
Wild indigo root, bls.	lb.	.22	.23
Witch-hazel extract, dist., NF, bbls.	gal.	.72	.78
leaves, bls.	lb.	.07	.09

Witherite (see Barium carbonate, natural).

Woodflour, dom., 40 mesh, c.l., f.o.b. North Tonawanda, N.Y.,	ton.	20.00	—
60 mesh, same basis	ton.	24.00	—
80 mesh, same basis	ton.	27.00	—
100 mesh, same basis	ton.	30.00	-32.00

Bags, extra, 25c. each; must be returned for credit. Carload freight to New York, N. Y., 29c. per 100 lbs.

import, 70 mesh, bgs., ex dock,	ton.	No prices	
80 mesh, bgs., ex dock	ton.	No prices	
100 mesh, bgs., ex dock	ton.	No prices	
120 mesh, bgs., ex dock	ton.	No prices	
Wormseed, American, ngs.	lb.	.08	.09
Levant, bgs.	lb.	No prices	
Wormwood, bls.	lb.	.80	.90

X

Xylene (see Xylol).

Xylol,[8,9,*] (xylene), indus., dms., returnable, works	gal.	.23	—
tanks, E. of Omaha, frt. alld.,	gal.	.27	—
tanks, W. of Coast, f.o.b. Minnequa, Colo.	gal.	.27	—
10°, dms., returnable, works	gal.	.35	—
tanks, E. of Omaha, frt. alld.,	gal.	.39	—
5°, dms., returnable, works	gal.	.42	—
tanks, E. of Omaha, frt. alld.,	gal.	.37	—
3°, dms., returnable, works	gal.	.47	—
tanks, E. of Omaha, frt. alld.,	gal.	.42	—
Xylidin, mixed, dms.	lb.	.85	.86

Y

Yara yara, cryst.	ons.	lb.	1.80 - 1.85
Yeast, dry brewers, dms., 50 B units	lb.	.35	—
90 B units	lb.	.40	—
120 B units	lb.	.45	—
200 B units	lb.	.58	—
300 B units	lb.	.72	—
Yellow, arsenic[9] sulphide, dom., bbls., f.o.b. New York	lb.	.52	- .55
bottles, same basis	lb.	.60	- .64
imp., bbls., same basis	lb.	.20	Nom.
Benzidine, bbls., dlvd.	lb.	1.25	- 2.25
Cadmium, CP, import, bxs.	lb.	1.35	- 1.40
lithopone, primrose, lemon, golden and standard orange, ton lots, bbls.	lb.	.55	—
400-2,000 lbs., bbls.,	lb.	.60	—
100-300 lbs., pkgs.	lb.	.65	—

Yellow cadmium lithopone prices are f.o.b. Balto. or whse. points, transportation prepaid or allowed E. of Rockies.

sulphide, orange kegs or cases, works	lb.	1.10	Nom.
Chrome, CP, bbls., dlvd. No. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts	lb.	.16	—

Chrome yellow, CP, prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Dutch, pink, bbls.	lb.	.09	- .11
Yellow, Hansa bbls., same basis chrome	lb.	1.37	—
primrose shade, bbls., same basis chrome	lb.	1.75	—
Mercury oxide, tech., bbls., 1,000 lbs.	lb.	2.37	—
smaller lots	lb.	2.52	—
Ocher, American, golden, bbls., works	lb.	.04½	.06½
yellow, bbls, works	lb.	.02	.02½
French type, bbls., c.l.	lb.	.0345	—
l.c.l.	lb.	.0365	—
Oxide, nat., bbls., c.i., f.o.b. Bethlehem, Easton	lb.	.04½	—
l.c.l., same basis	lb.	.05	—
Yellow oxide, synth., bbls., c.l., works	lb.	.07	—
l.c.l., same basis	lb.	.071	—
Persian orange (see O).			
Zinc, bbls., same basis, chrome CP, contracts	lb.	.15	—
open order	lb.	.15	—
Navy specifications type, contracts	lb.	.15	—
open order	lb.	.15	—
Yellow dock root, dom., bls.	lb.	.16	- .22
Yellow root (xanthoriza), bls.	lb.	.11	- .13
Yerba santa leaves, bls.	lb.	.15	- .16
Yohimbine hydrochloride, vis.	oz.	3.00	- 5.75

Z

Zein, bgs., 1,000 lbs. or more, works	lb.	.25	—
less than 1,000 lbs., works	lb.	.30	—

Zinc, [1,9,*] Metal (see Paint market).

acetate, tech., bbls., dlvd.	lb.	.16	- .17
USP bbls., 250 lbs.	lb.	.27	—
Arsenite, kgs., 100 lbs.	lb.	.29	—
E. of Rockies	lb.	.13	—
l.c.l.	lb.	.13½	—

Zinc arsenite prices are on a frt. alld. basis to dest., in lots of 90 lbs. or over.

Carbonate, tech., bbls.	lb.	14	- 20
Zinc, carbonate, USP, precip., powd., bbls.	lb.	.32½	—
25-lb. dms.	lb.	.37½	—
kgs.	lb.	.34½	—
Chloride, tech., fused, dom., c.l., works	100 lbs.	5.00	—
l.c.l., works	100 lbs.	5.35	—
gran., dms., c.l., works	100 lbs.	5.75	—
l.c.l., works	100 lbs.	6.50	—
USP, 100-lb. dms.	lb.	.30	- .31
25-lb. jars	lb.	.36	—
solut., 50%, dms., c.l., works,	lb.	.0315	—
l.c.l., works	lb.	.04½	- .04½
tanks, works	lb.	.0250	—

Chromate (see Yellow Zinc Chromate).

Cyanide, kgs., works	lb.	.33	- .37
Dust,[9] bbls., c.l., dlvd.	lb.	.1035	—
l.c.l., f.o.b. works	lb.	.1135	—
Fluoride, bbls.	lb.	.25	- .30
Iodide, NF, bots.	lb.	4.34	—
jars	lb.	4.49	—

Metal (see daily quotations in Market report).

Oxide,[2] pigment, dom., acidular type, bgs., c.l., dlvd.	lb.	.07½	—
l.c.l., dlvd.	lb.	.07½	—
bbls., c.l., dlvd.	lb.	.07½	—
l.c.l., dlvd.	lb.	.07¾	—
lead free	lb.	.07½	—
l.c.l., dlvd.	lb.	.07½	—
bbls., c.l., dlvd.	lb.	.07½	—
l.c.l., dlvd.	lb.	.07¾	—
leaded, 5%, bgs., c.l., dlvd.	lb.	.07½	—
l.c.l., dlvd.	lb.	.07¾	—
bbls., c.l., dlvd.	lb.	.07¾	—
l.c.l., dlvd.	lb.	.07¾	—
35% or more, bgs., c.l., dlvd.	lb.	.07	—
l.c.l., dlvd.	lb.	.07¼	—
bbls., c.l., dlvd.	lb.	.07¼	—
l.c.l., dlvd.	lb.	.07½	—

Prices on West Coast ¼c. per lb. higher.

Zinc oxide, French process, com'l, lead free, bgs., c.l., dlvd. | lb. | .07¼ | —
free, bgs., c.l., dlvd. | lb. | .07½ | —
l.c.l., dlvd. | lb. | .07½ | —
bbls., c.l., dlvd. | lb. | .07½ | —
l.c.l., dlvd. | lb. | .07¾ | —
green seal, bgs., c.l., dlvd., | lb. | .09 | —
l.c.l., dlvd. | lb. | .09¼ | —
bbls., c.l., dlvd. | lb. | .09¼ | —
l.c.l., dlvd. | lb. | .09½ | —
red seal, bgs., c.l., dlvd. | lb. | .08½ | —
l.c.l., dlvd. | lb. | .08¾ | —
bbls., c.l., dlvd. | lb. | .08¾ | —
l.c.l., dlvd. | lb. | .09 | —
white seal, bgs., c.l., dlvd. | lb. | .09½ | —
l.c.l., dlvd. | lb. | .09¾ | —
bbls., c.l., dlvd. | lb. | .09¾ | —
l.c.l., dlvd. | lb. | .10 | —
imported, gold seal, cks., ex whse. | lb. | .10 | —
green seal, bbls., ex whse. | lb. | No prices | |
white seal, cks., ex whse. | lb. | No prices | |
USP, c.l., 50-lb. bgs. | lb. | .10½ | —

Zinc oxide prices in l.c.l. are ½c. higher.

Lead-free and 5% and 35% leaded zinc oxide in car lots are ½c. per lb. higher delivered Pac. Cst., and in less car lots are ½c. per lb. higher ex whse. Pac. Cst.; 50% leaded is 5.5c. per lb. higher for car lots delivered Pac. Cst.

Palmitate, bbls.	lb.	.22	- .25
Resinate, fused, pale, bbls.	lb.	.11	- .12
precip., dms., dlvd.	lb.	.15	—
Silicofluoride, bbls.	lb.	.15	- .18
Stearate, tech., precip., or USP, ton lots	lb.	.80	—
less than ton lots	lb.	.81	- .22
Sulphate, cryst., bgs., c.l.	100 lbs.	3.60	—
l.c.l.	100 lbs.	4.35	—
bbls., c.l.	100 lbs.	3.85	—
l.c.l.	100 lbs.	4.60	—

—*Continued on page 62*

Why most interior water-thinned paints contain zinc sulfide pigments

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Velvet-Glove Price-Control

There is nothing of much anti-inflation promise in the quoted salutatory of the new head of the Office of Price Administration. There is little, if any, encouragement for the consumer, already burdened with the periodical inching up of retail prices. The new OPA head is quoted in the belief that price advances are inevitable because of higher wages and increased costs of production. In other words, his theory of price-control seems to be that he has no concern with the root of inflation—the anciently proclaimed "love of money"—and that the way to stop the growth of a weed is to cut a little bit off the top.

There is a peculiar touch of significance also in that the new Price Administrator, out of sympathy with the price-control problems of retailers, has been going about for some days discussing price-control with them. The consumer, it is to be feared, is to be sacrificed at the altar of "business-as-usual." The OPA chief would far better have gone about finding black markets and the reasons for their existence. He could learn much from somebody in that brand-new and growing occupation of "peaching" on overcharging retailers and collecting $50 in damages by way of the courts. These "patriots" appear not to lack opportunities for building up a fairly good income.

If there is no legal authority for the Office of Price Administration to prevent wage boosts and increases in other costs of production, a widespread popular clamor for further amendment of the price-control law is in order. It is high time that the vast number of millions of taxpayers, who are neither agricultural profiteers nor labor racketeers, put their cumulative vociferousness to the desirable and necessary task of drowning out the syndical special pleading. This nation should not be doomed to a government by, for, or of farm blocs or labor legions, or even of retail merchants or any other particular branch of business. Democracy is supposed to regard all its people as equal—and the one criterion which in any degree approaches univeral equality is that which recognizes the only category that is an economic common denominator, that of consumer.

If this nation is to continue one and indivisible, price-control must put a greedproof ceiling over every element of the cost of living. If favoritism for producers or distributors is not eliminated, a national schism will be difficult to avoid. Citing the previous world war or the nobly purposed experiment in the prohibition of alcoholic beverages does not fit today's problems. Neither does any attempt to maintain any sacred status of any group. People think differently today.

The new OPA chief will be very wise to stop now the inflationary spiral which he calls a "normal" rate of price increase of about one-half of 1 percent a month; particularly because, in spite of variously calculated figures spoon-fed to the public, retail prices already are sticking up through the more or less imaginary ceilings like the spears of a lush asparagus bed.

72d—OPD—Year

Promising Tax Move

Treasury and congressional tax experts, it would seem, are slowly getting closer to a fair, frank, and forthright system of Federal taxation. It is reported that a flat 25 percent income tax to be collected at the source and applied currently is under consideration in the pending revenue program. The news has it that the idea faces strong congressional opposition, as anything new and almost everything good always does.

Although it is so variously conditioned that it falls far short of an ideal tax system the new idea should have the support of business. It is an entering wedge for a program of useful tax reform. The present tax system costs too much in its excise division; exempts too much in respect of income; and illogically burdens creative financing.

72d—OPD—Year

There Must Be Rationing

Much talk there is about separating the price-ceiling and rationing functions of the Office of Price Administration. All sorts of reasons are adduced with reference to the desirability and necessity of such divorcement; but most of them have no foundation in fact, and few if any reflect even a seminational point of view.

Rationing—real rationing, universally applied to everything that customarily has had a place in what is so proudly referred to as the high American standard of living—is essential to equitable application of price-control. Price ceilings without the complement of rationing are discriminatory; rationing without price ceilings is more so. The two are of equal essentiality in any purpose of preventing price-inflation, which gives due consideration to the fact that actual effects, not economic theories, are to be combated.

There is opinion that the rationing of civilian supplies should be entrusted to the "czars"—rubber, food, petroleum, and more to come—in respect of the commodities with which they have respectively to do. Against this it is argued that it would require so many separate local boards that the public would arise in revolt against the whole thing. This argument has a big face value; but it presupposes a necessity which could easily be avoided if the local boards were properly constituted and adequately informed.

The real argument against the czarist system is that it would require too many czars. Their functioning would overlap a little, and they would clash much. Furthermore such a system would depart still farther from the desirable policy and practice of keeping all relevant functionings under one head.

Rationing has been bungled by OPA. The several czars who have had a part in the setting up of allocation plans for civilian consumption have not added much to the smoothness of its running. There are a score of reasons for the unsatisfactoriness of rationing. The chief one is that the plans were not worked out far enough in advance and that instruction of local boards never was sufficient. This reason in both connections has been aggravated by the lack of an iron-fisted policy to start with.

The same war administrative head should control price-ceiling and rationing. He should have authority—yes, he should be compelled—to put a price ceiling on everything essential to American, high-standard living, including labor, and to ration all these things equitably. Secondly, he must have the will to do these things, willy-nilly—and last, but of greatest importance, he must have great business managerial ability, minus its customary profit motive. And Congress would let him stay in office about two months!

72d—OPD—Year

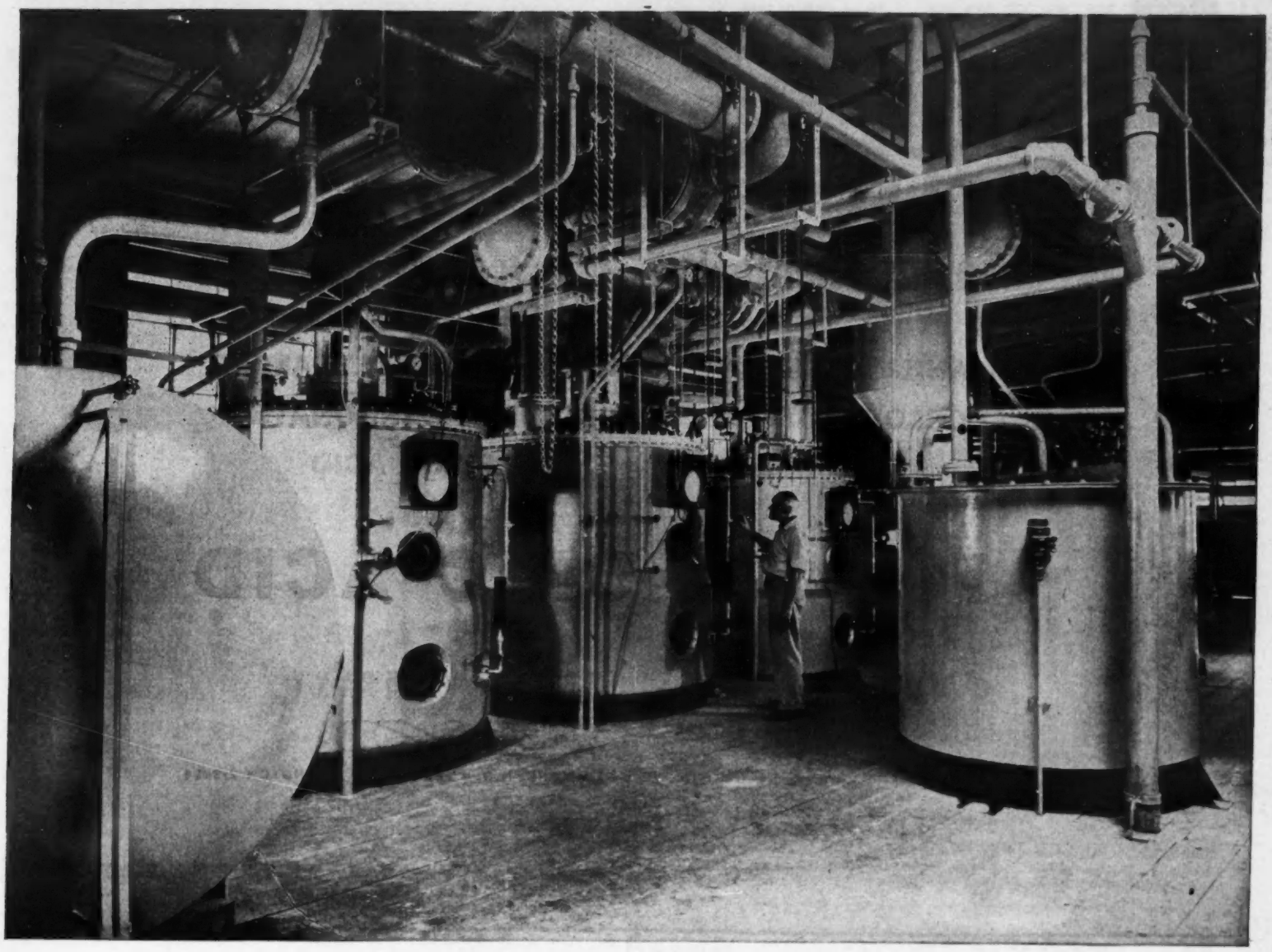
There Was a Medical Trust

In unanimously upholding the conviction of the American Medical Association of conspiring to restrain trade in violation of the Sherman act, the Supreme Court of the United States has made it clear that there can be no defense of economic practices on the grounds that those who are charged with illegality in such practices are not engaged in trade. The court draws a clear distinction between the practice of medicine, which is not a trade, and the practice of economic domination of medical services which may be and sometimes are commercial.

The supreme court's decision opens some interesting questions of the anti-trust-law status of the American Medical Association and many of its local affiliated societies in their frequently alleged boycotting of hospitals, outlawing of unorthodox practitioners of some form of healing, refusal to grant NNR recognition to medicinal preparations, public campaigns against self-medication, derogatory publicity for proprietary medicines, and other obstructive and sometimes destructive attacks on individual or corporate businesses. Federal investigations of some of these things have been started from time to time. Whether these are dead or merely dormant may shortly be evident.

What the supreme court has to say about practices alien to the primary purpose of medicine applies equally to the law, to engineering, to chemistry, and to other callings. It is regrettable that there appears to be some phraseologic fault which prevents application of the anti-trust laws to labor and agriculture and their political puppets.

OPD—1-25-1943



Industrial Products by Fermentation Processes

• Noah has received credit for one of the earliest recorded chemical discoveries. He found that under some conditions grape juice underwent a change and the resulting product, when imbibed, produced a pleasant physiological effect entirely different from that which the original juice gave. Unfortunately, as a result of continuing his testing "not wisely but too well", he has received some undesirable notoriety.

It was also observed at an early date that sometimes fruit juices underwent another type of change which resulted in the development of sourness. Milk was also found to become sour on storage. Since the resulting products found practical use, empirical methods of regulating these alterations were developed.

Not until the investigation of Pasteur was it recognized that these changes were due to the growth of various microscopic organisms. It had been noticed earlier, however, that the development of visible organisms, termed molds, also resulted in changes of the medium on which they grew.

Since Pasteur a large number of experimenters have developed methods not only of preventing, but also of encouraging, the growth of these organisms, both visible and microscopic. Others have studied the chemical changes brought about by them. It is now recognized that these reactions are similar to, or in many cases the same as, those occurring during the development of a fruit or vegetable and are natural vegetative processes.

As a result of some of these researches a considerable variety of products of industrial importance is now being manufactured by the careful cultivation of a number of these organisms. Since this is a comparatively new field, it can safely be assumed that with time the number of compounds produced by such methods will be greatly enlarged. The probability of this is increased by the fact that the raw materials for such processes are generally of American agricultural origin, thus removing any dependence on foreign products.

Chas. Pfizer & Co., Inc. has been one of the leaders in this field and is at present producing Citric Acid, Gluconic Acid, Fumaric Acid, and Oxalic Acid by such methods. From these acids a wide variety of derivatives is being manufactured. A well-trained research staff is engaged in the improvement of present processes and in the development of new products. Results in many of these latter investigations indicate that products of possible importance in a variety of fields will in time be made available.

MANUFACTURING CHEMISTS • ESTABLISHED 1849

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81 MAIDEN LANE, NEW YORK • 444 W. GRAND AVE., CHICAGO, ILL.

OPD—1-25-1943

TARTARIC ACID

Sodium Benzoate • Sodium Perborate

ANILINE SALT
CHLOROFORM
ETHER
HEXAMETHYLENETETRAMINE
SODIUM BICARBONATE
SULFURIC ACID

PHOSPHORIC ACID

WILLIAM D. NEUBERG COMPANY

Chemicals

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HENRY SUNDHEIMER, INC.

SODIUM SILICO FLUORIDE

AMMONIUM SILICO FLUORIDE

MAGNESIUM SILICO FLUORIDE

ZINC SILICO FLUORIDE

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MURRAY HILL 5-4214-5

Expert Chemists to Serve You

If you wish to consult with our staff on any specific manufacturing problem, Thompson-Hayward's experienced chemists will gladly serve you. This company has been a leader in the Middle-West for over 25 years and offers a complete line of chemicals for paint, cosmetic, oil and drug manufacturers. Sixteen Offices and Warehouses assure prompt delivery.

Presenting Only a Few of the Companies We Represent:

BISBEE LINSEED OIL CO.
Linseed Oil

CARUS CHEMICAL CO., INC.
Potash Permanganate

CHURCH & DWIGHT CO., INC.
Soda Bicarbonate

DORWARD & SONS CO.
Fish Oils

KEASBEY & MATTISON CO.
Magnesium Carbonate

M. W. PARSONS CO.
Metallic Stearates

• *Write for Complete Details and Prices*

THOMPSON-HAYWARD CHEMICAL COMPANY
2915 SOUTHWEST BLVD. KANSAS CITY, MISSOURI

Omaha, Chicago, St. Louis, Des Moines, Minneapolis, Tulsa, Denver, Wichita, Memphis, Oklahoma City, Dallas, Houston, San Antonio, Davenport, New Orleans

Heavy Chemicals

Discussion in Heavy Chemicals Market Centers Around Allocations For January As Announced by WPB—Activity Continues Spotty With Civilian Demand for Some Items at Improved Level

Discussion in the market for heavy chemicals last week centered around the War Production Board's monthly distribution of chemicals for January under the allocation orders of the Chemical Division. It was pointed out by WPB that 66 percent of the chemicals allocated went directly into identifiable military production and, in addition, many derivative products of the 34 percent not identified as direct military are necessary for the production of military items. The allocated military materials are the essential raw materials for the production of all explosives, propellants, war gases, and other chemical combat items; aviation, Naval, Ordnance, and Signal Corps insulation; special protective coatings for military vehicles and guns; and special paints for war and merchant ships. In addition, these chemicals include other materials indispensable to the construction of all types of aircraft and ships.

Civilian demand for chemicals was again spotty last week, the call for some items continuing to show definite improvement over recent months but for other materials, remaining rather quiet. The Bureau of Entomology and Plant Quarantine has modified Japanese beetle quarantine regulations to include certain additional areas.

Producers of zinc salts found interest in the American Zinc Institute's review of that industry for 1942 which stated that the domestic mine production of zinc last year was not very far off from past performances. With imports, which are growing in importance, it was estimated that ore supplies were sufficient to keep smelters and refineries operating at maximum capacity.

Paper production, as a percentage of six-day capacity, was 88.0 in the week ended January 16, according to the American Paper and Pulp Association. This compares with 86.8 in the previous week and 105.0 percent a year ago.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
170.2	170.2	170.2	170.1

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

Market news that may have developed after this report was sent to press will be found on page 4.

Alumina Hydrate.—WPB allocations govern transactions. Prices show no change.

Alumina Sulphate.—Call for material quiet. No change as regards quotations.

Aluminum.—Paste and seed transactions governed by WPB allocations. Prices unaltered.

Alum, Soda.—No new features. No change pricewise.

Ammonia, Anhydrous.—No change in market tone. Prices same.

Ammonia, Aqua.—Market position unaltered. Prices unchanged.

Ammonia Bicarbonate.—New developments lacking. Price schedules show no change.

Ammonia Carbonate.—No change in level of consumers' needs. Prices steady.

Ammonia Persulphate.—Market tone continues firm with no fluctuations pricewise.

Ammoniac, Sal. — Demand unchanged from recent levels. Prices show no alterations.

Antimony.—No new features. Price schedules unaltered.

Antimony Needles.—Position unaltered. Quotations confirmed.

Antimony Oxide.—Supplies allocated under WPB order. No change in quotations.

Antimony Sulphide.—No new developments. Prices steady.

Arsenic Trisulphide.—New features lacking from standpoint of demand. Prices same.

Arsenic, White.—Supply and demand situation unaltered. Quotations unchanged.

Barium Carbonate. — Consumers' needs at fair level. No change pricewise.

Barium Chlorate.—Material under WPB allocation control. Tone steady.

Barium Chloride.—Call irregular. No change in quotations.

Bauxite. — Market tone remains steady. Material under WPB allocation control.

Bleaching Powder.—Demand remains quite active with shipments now being made in fiber containers. Quotations show no change.

Calcium Chloride.—Good movement of material for various Winter uses. Tone firm.

Carbon Bisulphide.—No new features.—Prices same.

Carbon Tetrachloride. — Heavy movement of material into war production channels. Prices same.

Chloropicrin.—Market position tight. No movements pricewise.

Chlorine.—War needs continue very heavy. Supplies allocated to consumers under WPB order. Production heavy but inadequate to meet bleaching needs. Quotations very firm.

Cobalt Acetate.—WPB allocations rule. No movements pricewise.

Copper.—No new developments in market. Prices show no change.

Copper Oxide.—Position unaltered. Prices well maintained.

Copper Sulphate.—Good movement of material for Spring season. Prices same.

Copperas. — Needs of consumers light. Quotations show no change.

Cryolite.—Takings for insecticidal purposes at good level. Supplies allocated under WPB order. No change pricewise.

Cyanide-Chloride Mixture.—Market position unaltered. Prices same.

Ethyl Chloride.—Market devoid of new developments. No change in quotations.

Feldspar.—Heavy shipments to glass industry continue. Tone firm.

Ferric Sulphate.—No new developments. Prices unaltered.

Glauber's Salt.—Fair movement of material into consuming channels. Quotations steady.

Lime. — Peak shipping from all plants. Tone firm.

Manganese Acetate.—Inquiry light. Prices same.

Manganese Arsenate.—Transactions governed by WPB allocations. Prices unaltered.

Nickel Oxide. — Movements governed by WPB allocation order. Interest light. Prices same.

Nickel Salt.—Needs in small volume. No alterations pricewise.

Paris Green.—Demand light. No new features in market. Prices same.

Phosgene.—Demand active. Prices steady.

Potash Carbonate.—Level of demand shows no change. Prices unaltered.

Potash, Caustic.—No new developments. Prices same.

Saltcake.—Market devoid of new features. Prices show no change.

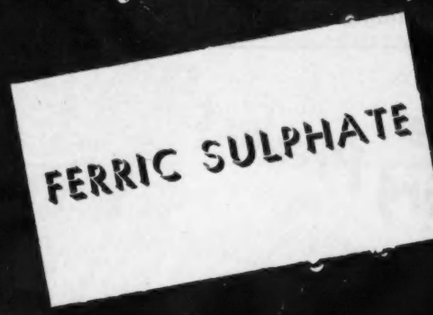
Saltpeter. — Heavy war demand. Normal consumers taking material in fair volume. Quotations remain unaltered.

Soda Antimoniate.—Supplies satis-

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 9

BARIUM PEROXIDE
BARIUM AND CHEMICALS, Inc., Willoughby, Ohio
Successors to The J. H. R. Products Co.

POTASSIUM FERRICYANIDE
(Red Prussiate of Potash)
MANUFACTURED BY
HUNT CHEMICAL WORKS, INC.
271 RUSSELL STREET BROOKLYN, N.Y.

Faesy & Besthoff, Inc.


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PHOSPHORIC ACID
75% PURE FOOD GRADE
An acid made from our own high quality electric furnace phosphorus.
ELEMENTAL YELLOW PHOSPHORUS of very high quality produced by electric furnace reduction of phosphorus rock from our own mines. Shipments in drums, either solid or wedges.
"ELECTROPHOS." A superior quality triple superphosphate of over 48% available P_2O_5.
THE PHOSPHATE MINING CO.
110 WILLIAM STREET, NEW YORK • NICHOLS, FLORIDA

TURNER
chemicals
CAUSTIC SODA
Flake and Solid
LIQUID CAUSTIC SODA
Tank Cars • Tank Wagons • Drums
JOSEPH TURNER & CO.
PROVIDENCE RIDGEFIELD, N. J. CHICAGO

GEORGE F. SMITH

SODIUM FLUORIDE COPPER SULPHATE

60 East 42nd Street
New York

VAnderbilt
6-3098

Broken Rock
Roll Brimstone
Sublimed Flowers
Rubbermakers
Commercial Flour
Dusting
Wettable

SULPHUR

MANUFACTURED AT
HOUSTON, TEXAS, BY

SOUTHERN ACID & SULPHUR CO., INC
Office Rialto Building St. Louis, Mo.

SODIUM SILICO FLUORIDE

PRODUCT OF U. S. PHOSPHORIC PRODUCTS
Division Tennessee Corporation, Tampa, Florida
W. B. LAWSON, INC. (Subsidiary of Ferro Enamel Corporation)
Sales Agent — UNION COMMERCE BUILDING — CLEVELAND, O.

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TANNIC ACID, U.S.P. and Technical

GALLIC ACID, U.S.P. and Technical

ZINSSER & CO., Inc., HASTINGS-ON-HUDSON NEW YORK

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METHYL CHLORIDE
METHYLENE CHLORIDE
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KINETIC CHEMICALS "FREON 12"
(Sales Agents)

We invite your inquiry on other chemicals

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FOR THE DURATION

Phosphorus and phosphorus compounds, in which we have specialized for over forty years, play a vital role in the defense of our country. We ask your indulgence should you find us unable to supply you as promptly as usual during the emergency.

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HYDROGEN PEROXIDE
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AND OTHER ORGANIC AND INORGANIC PERCOMPOUNDS

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BUFFALO, NEW YORK

Why Waste Time?

STEEL PLATES *without* PRIORITIES

Exceptional lot used Galvanized Plates
100 TONS — ⅛ to ½-inch THICKNESS
Excellent Quality — "Good as New"

— ALSO —

Large Stocks of Reconditioned Plates Carried *at all times* — *Thickness up to ¾-inch.*
No Pits — No Holes — No Corrosion — No Attachments

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THE MEXICAN CHEMICAL MARKET
FOR A QUARTER OF A CENTURY

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VICTOR CHEMICAL WORKS

factory. Interest fair. Prices confirmed.

Soda Ash.—Movement in substantial volume. No change pricewise.

Soda, Caustic.—Improved demand. Prices steady.

Soda Chlorate.—WPB allocation order governs transactions. No change pricewise.

Soda Silicate.—Market conditions show little change. Prices unaltered.

Tin.—No new developments. Prices same.

Trichlorethylene. — Position tight. Prices remain firm.

Zinc Cyanide.—Little change in level of demand. Prices confirmed.

Acids

Abietic.—No new features. Prices unaltered.

Acetic.—Glacial tight. Good war demand. Price schedules steady.

Acetic Anhydride.—Material under WPB allocation. Prices rule unchanged.

Battery.—Material in fair demand. Market steady.

Formic. — No new developments. Prices unchanged.

Gallic. — Market tone unaltered. Prices show no change.

Hydrofluoric. — Demand irregular. No movements pricewise.

Lactic.—No change in supply and demand situation. Prices unaltered.

Muriatic.—Heavy war call. Prices hold firm.

Naphthenic.—Transactions governed by WPB allocation order. No change as regards price schedules.

Nitric.—Heavy movement of material into war production channels. No change pricewise.

Sebacic.—No new features. Prices show no change.

Sulphuric. — Heavy war demand. Market strong. Material under control of WPB allocation order M-257.

Baltimore, Jan. 20.—The market for sulphuric acid is devoid of change, with the government continuing the big buyer, of course, and with production at a point where a margin is left for other than war uses. No serious shortages exist. Talk of a possible marking up of the ceiling on acid for agricultural use has proved baseless so far, but the feeling still prevails among producers that prices must be advanced if there is to be a small profit in the business. Approximate prices are:—98 degree acid, $17.93 per ton; 66-degree acid, $16.95 per ton; and 60-degree acid, $14.13 per ton. Oleum, a high grade acid, is held generally at $19 per ton for 20 percent supplies.

Insecticides

The market for insecticides showed little change over the past week. Factors were interested in the modification by the Bureau of Entomology and Plant Quarantine of Japanese beetle quarantine regulations to include certain additional areas.

Calcium Arsenate. — Consumers needs at good level. Prices unchanged.

Lead Arsenate.—Tone quiet. Prices unchanged.

Nicotine Sulphate.—No new developments. Quotations same.

Paradichlorobenzene.—Position unaltered. Price schedules show no change.

72d—OPD—Year

Chemical Salesmen Name Phil LoBue President

—Continued from page 4

C. O. Lind, of the Dow Chemical Company, who served as president of the association in 1942, was presented, by the membership, with a clock, in appreciation of his services. Mr. Lind reported that the association during 1942 had purchased four $500 war bonds, and at the various golf tournaments awarded as prizes in war bonds and stamps an amount totaling $416.25.

He also mentioned that $241.45 was donated to the Army-Navy Relief Agency, and that a donation of $214.61 had been made to the American Red Cross.

72d—OPD—Year

O'Brien Made President Of Can Manufacturers Ass'n

The election of Frank J. O'Brien, executive vice-president of Continental Can Company, this city, to the post of president of the Can Manufacturers' Institute, is announced. He has been actively connected with the can manufacturing industry for more than twenty-five years. He joined Continental Can Company in 1928, upon the company's acquisition of the Southern Can Company, Baltimore, with which company he held the position of vice-president and general manager.

72d—OPD—Year

Stoneware Issues Lab. Booklet

The United States Stoneware Company has issued a bulletin (No. 498) on laboratory equipment. Copies may be obtained from Howard Farkas, sales manager, at the offices of the sales department, 60 E. 42nd street.

No-Worry Cleaning Fluid Prices Set by OPA

The Office of Price Administration has established maximum prices for the sale of washing and cleaning fluid made by the No-Worry Chemical Company, Newark, at the following level:—

On sales to jobbers, 70 cents per case of 12 quart bottles. On sales to retailers, 80 cents per case of 12 quart bottles. On sales by jobbers, the jobber's present maximum price increased by 15 cents per case. On sales by retailers, the retailer's present maximum price increased by 1 cent per quart bottle.

72d—OPD—Year

Diakel to Operate DPC Plant in Cincinnati

A contract has been signed by Diakel Corporation, Cincinnati, Ohio, and Defense Plant Corporation to provide plant facilities adjacent to the present plant of Diamond Alkali Company, Standard Silicate Division. The estimated cost of the plant is in excess of $2,000,000. Diakel Corporation will operate the plant, although title will remain in Defense Plant Corporation.

Diakel Corporation was incorporated recently in Ohio and is owned jointly by Diamond Alkal Company, Pittsburgh, Pa., and M. W. Kellogg Company, New York. The latter company is designing and building the plant. It is understood that the plant when completed will be used as manufacturing facilities in the war program.

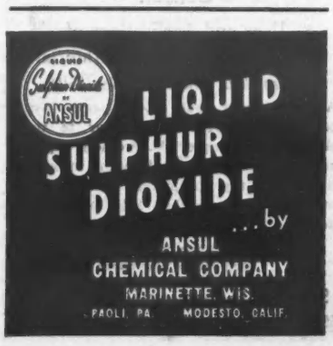
72d—OPD—Year

La. Molasses May Be Used for Mixed Feeds

OPD Washington Bureau

Restrictions in general preference order M-54 forbidding molasses produced in Louisiana from being used or resold for the manufacture of mixed feed or vinegar, or for ensilage or direct feed, were removed January 21 by the Director General for Operations through the issuance of M-54 as amended.

The order had been previously amended November 2, 1942, to include the above restrictions. This action was taken because substantial shrinkages by imports of molasses made it necessary that industrial alcohol plants in the New Orleans area get first call on available molasses supplies.



Vital Supplies
FOR THE
ARSENAL OF VICTORY
INTO the armament and munitions plants of the nation flows a steady stream of Diamond Alkali products. Soda Ash is used for making aluminum and TNT; caustic soda goes into the manufacture of rayon, and of soap—from which glycerine for explosives is obtained; chlorine is so important to the successful prosecution of the war that it is under complete Government allocation. These and many other Diamond products have important jobs to do in arming Uncle Sam and our Allies.
In such activities, the same high quality and dependable uniformity that in peacetime made Diamond products the first choice of experienced buyers, makes these products doubly valuable today.
And when the war's end again permits civilian requirements to be filled, experience will lead to Diamond!
ALKALI
DIAMOND ALKALI COMPANY
PITTSBURGH, PA., and Everywhere

OPD—1-25-1943

Industrial Applications of Chemicals and Related Materials

("Where You Can Sell")

833d Instalment

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(Parenthical figures are the numbers of patents in the United States or other countries, as designated)

Aspartic Acid

(Aminosuccinic Acid, Asparagic Acid, Asparaginic Acid)

Chemical

Reactant in—
- Organic syntheses

Soap

Antioxidant and stabilizer for—
- Soap

Benzyl-Sodium Phthalate

Pharmaceutical

In compounding and dispensing practice

Claimed (U.S. 1485377 and 1485378) as—
- Antispasmodic

Calcium Tungstate

(Calcium Orthotungstate, Calcium Wolframate, Normal Calcium Wolframate)

(Additional uses — supplementary to information in the book, Uses and Applications of Chemicals and Related Materials — see bottom of fourth column)

Electrical

Fluorescent material in—
- Fluorescent lamps (yields a blue light)

Paint, Varnish, and Lacquer

Fluorescent material in—
- Luminous paints

Diethyl Anthranilate

Cosmetic

Fixative for—
- Floral odors used in creams and other cosmetics

Perfume

Fixative for—
- Floral odors in perfumes and toilet waters

Soap

Fixative for—
- Floral odors in shampoos, soaps, and other detergent preparations

---

Ferrotantalum

(Special alloys containing tantalum and columbium as combined metals in the amount of about 70 percent)

Metallurgical

Addition agent in—
- Tool steel

Linseed Oil

(Continued from January 18 issue)

Explosives

Binder in—
- Delay powders
- Explosive compositions
- Firelighter compositions
- Matchhead compositions
- Pyrotechnic compositions

Fats and Oils

Starting point in making—
- Fatty acids
- Fatty esters
- Hydrogenated products, such as edible fats, lard substitutes and other shortenings, margarins, and the like

Firefighting

Ingredient of—
- Fireproofing compositions

Food

As an edible oil

Base of—
- Hydrogenated fats

Heat and Power

Binder in—
- Heat insulations

Ink

Drying oil in—
- Drafting inks
- Lithographic inks
- Marking inks
- Mimeographing inks
- Printing inks
- Transfer inks
- Writing inks

Insecticide and Fungicide

Soapstock in making—
- Soapy suspensions of insecticidal agents

Suspending agent in—
- Cryolite compositions

Leather

Binder, drier, impregnator, waterproofing agent in—
- Artificial leather coatings
- Boxtoe compositions
- Dressings
- Filler compositions
- Insole compositions
- Leather board compositions
- Leather substitutes
- Lining compositions
- Patent leather coatings
- Preservative compositions
- Scrap compositions
- Softening compositions
- Toughening compositions
- Waterproofing compositions

Linoleum and Oilcloth

Drying oil base in—
- Linoleum and other floor coverings

Maritime

Impregnating and waterproofing agent for—
- Caulkings
- Rope
- Sailor's oilskins
- Tarpaulin and canvas

Ingredient of—
- Putty compositions

Vehicle, drier, and reducer for—
- Paints

Mechanical

Binder, impregnating agent, waterproofing agent in—
- Belt dressings
- Beltings
- Brakelinings
- Brakeshoes
- Brakeshoe fillers
- Clutch facings and linings
- Friction compounds
- Friction facings
- Gasket compositions

Metallurgical

Core oil in—
- Foundry practice

Ingredient of—
- Carburizing compositions
- Core oils and compounds
- Foundry washes
- Rustproofings and preventives

Miscellaneous

Binder in—
- Duplicating roll compositions
- Duplicating sheet compositions
- Fiberboard specialties
- Pencil lead compositions
- Typewriter platen compositions

Hand-cleansing agent for removing—
- Dyes, lacquers, paints, tar, and the like (about a thimbleful of ordinary linseed oil is rubbed between the hands until all the soiling material is dissolved; without wiping off the oil, the hands are washed with any soap in cold, or preferably warm, water; the soap emulsifies the linseed oil readily and yet lathers freely; with linseed oil, it is claimed, the oils of the skin are not removed, as in the use of benzin, turpentine, and similar solvents but, on the contrary, the skin is kept very soft by the small amount of residual linseed oil which remains even after washing with soapsuds)

Ingredient of—
- Binding compositions
- Cleansing compositions
- Corncob pulp binders
- Dustcloth impregnating compositions
- Emulsions used for various purposes
- Emulsions with cellulose sulphite liquor
- Hectograph coating compositions
- Hole, tear, and puncture closing compositions
- Jointing compositions
- Leak-stopping compounds
- Motion-picture screen compositions
- Polishing compositions, such as furniture polishes, stove polishes, and the like
- Rustpreventive compositions
- Rustproofing compositions
- Sizing compositions
- Stencil compositions
- Transfer sheet compositions
- Violin coatings
- Waterproofing compositions

Waterproofing agent for—
- Canvas
- Fishing lines
- Cotton line
- Silk lines
- Fibrous materials
- Tarpaulins

Paint, Varnish, and Lacquer

Drying oil in—
- Coating compositions for various purposes
- Enamels, paints, varnishes, lacquers, primers, and the like

Ingredient of—
- Antifouling compositions for ships' bottoms
- Putties

Solvent for—
- Rosin

Starting point in making—
- Metallic soaps, such as aluminum, cobalt, manganese, lead, and other linoleates, used as driers

Waterproofing agent in various compositions

Paper

Binder, impregnating agent, waterproofing agent for—
- Corrugated board
- Paper products

Pharmaceutical

In compounding and dispensing practice

Ingredient of—
- Carron oil
- Haarlem oil
- Liniments

Reputed to be useful (used warm) as a remedy for chapped skin

Reputed useful in treating—
- Hemorrhoids (raw oil)

Plastics

Binder in making—
- Plastic compositions, such as artificial horn, phonograph records, blocks, shapes, and various other molded articles

Printing

Drying oil in making—
- Lithographic master sheets
- Printers' blankets
- Printing rollers

Public Works

Binder in —
- Roadpaving compositions

Rayon

Starting point in making—
- Dressings for rayon

Resins

Process material in making—
- Resins

Rubber

Binder and drying oil in—
- Tire-puncture closing compositions

Raw material in making—
- Fillers for rubber and tires
- Rubber substitutes

Starting point in making—
- Factice (a vulcanized vegetable oil used as a softener and filler for rubber)

Soap

As a soapstock, especially in soft or liquid soaps

Starting point in making—
- Fatty acids
- Fatty esters
- Hydrogenated products

Stone

Impregnating agent for—
- Artificial stone
- Natural stone

Waterproofing agent for—
- Artificial stone
- Natural stone

Textile

Ingredient of—
- Stencil compositions
- Soilproofing compositions
- Waterproofing compositions

Starting point in making—
- Retting agents

Wood

Binder, vehicle, and drier in—
- Wood fillers
- Wood substitutes

Ingredient of—
- Wood finishes
- Wood preservatives

2-Nitro-3-methoxytoluene

Chemical

New organic chemical available for experimental use

Octacosane

Chemical

New organic chemical available for experimental use

Osage Orange Extract

(Bois d'Arc Extract, Bow-wood Extract)

(Extract of the wood of the osage orange, Maclura aurantica or promifera, native of North America)

Leather

Coloring for—
- Leather

Tannin source in making—
- Tanning compounds

Tanning agent

Miscellaneous

Yellow coloring agent for various applications

Textile

Yellow dyestuff

Sawfish-Liver Oil

Pharmaceutical

Source of—
- Vitamin A

Suggested as substitute for—
- Codliver oil

Walnutshell Flour

Insecticide and Fungicide

Carrier for—
- Fungicides
- Insecticides

Carrier said to offer following characteristics—
- Absorbs large quantities of liquids, absorbing 140 percent of its own weight before becoming a slurry
- Adheres securely to plant life
- Assures uniform distribution
- Disperses uniformly
- Free-flowing: particles do not cling together; separate freely
- Insures maximum release of the toxic agent
- May be kept indefinitely without deterioration
- Prevents burning of delicate plant life and buds
- Prevents the destruction of insecticidal and fungicidal agents susceptible to alkaline deterioration
- Protects toxicants from loss of toxicity
- Retains its status as dust at 40 percent absorption of water
- Settles readily

Zinc Silicate

Electrical

Fluorescent material in—
- Fluorescent lamps (yields a green light)

Paint, Varnish, and Lacquer

Fluorescent material in—
- Luminous paints

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Dyestuffs, Textile, and Leather Chemicals

Many Tanning Materials Continue in Short Supply—Factors Still Awaiting More Definite Picture of Spring Production Schedules From Egg Yolk and Albumen Plants

The market for dyestuffs, textile, and leather chemicals continued in a tight position for the most part last week. This was especially true of tanning materials, many of which are in short supply due to the tight import situation that has prevailed for some months, and of various dyestuffs, which are short for the same reason, supplies of annatto now being sufficient only to meet food coloring needs. Egg yolk and egg albumen have been in strong positions for some time due to the heavy government takings of dried whole eggs and consequent lighter output of yolk and albumen. Factors last week continued to await more definite trends regarding Spring production schedules before accepting very much future business. Corn starch and dextrin also were very tight.

Factors in this market found interest last week in the statement by Frank L. Walton, director of the War Production Board's textile division, that by maintaining American textile output during 1943 at approximately last year's record rate of 13,500,000,000 linear yards, or within 5 percent of it, WPB is hopeful that essential civilian supplies can be assured despite mounting military and lend-lease demands.

The Census Bureau reports that the cotton spinning industry operated during December at 127.9 percent of capacity, on a two-shift, 80-hour basis, compared with 133.4 percent during November and 124.0 percent during December, 1941. Mill stocks of 2,567,183 bales in December 31 were 126,504 bales larger than on November 30 and 171,802 larger than at the end of December, 1941.

Average weekly consumption of apparel class raw wool in November amounted to 11,101,000 pounds on a scoured basis, compared with 11,275,000 pounds in October and 10,191,000 pounds in November, 1941. The average weekly hours of operation for woolen and worsted looms was 3 percent less in November than in October, 1942.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
260.2	260.2	260.2	265.8

Market news that may have developed after this report was sent to press will be found on page 4.

Alumina Acetate.—Consumers taking material in small volume. Prices show no change.

Alumina Chloride.—No change in market conditions as regards anhydrous and crystal material. Quotations unaltered.

Ammonia Bichromate. — Supplies light. Quotations show no change.

Ammonia Sulphamate. — Market position unaltered. Prices same.

Antimony Salt.—Demand fair and prices at recent levels.

Chrome Acetate. — Movement to regular users at favorable pace. Tone firm.

Potash Bichromate. — Under full priority control. General limitation order in effect. No change in quotations. Users of less than 500 pounds of primary chromium chemicals a month exempt from filing form PD-54. Chemicals involved are soda bichromate, potash bichromate, soda chromate, and all chromium tanning compounds.

Potash Prussiate.—No change in market tone. Prices unaltered.

Soda Bichromate. — Position unaltered. No movements pricewise.

Soda Chromate.—Shipments under full priority and industry control. No change in quotations.

Soda-Formaldehyde Sulphoxylate.—Demand unchanged from recent levels. Quotations same.

Soda Prussiate.—Light demand. No change in quotations.

Sulfamic Acid. — Material under WPB allocation. Tone unaltered.

Sulphonated Oils.—Demand irregular. Prices show no change.

Zinc Dust.—No new features. Material under complete allocation and use control. Prices unaltered.

Dyestuffs

Annatto.—Tone very firm with supplies only sufficient for food coloring needs. WPB order M-103 as amended prohibits other uses.

Cochineal.—Interest fair to good. Supplies tight. Prices unaltered.

Fustic.—Consumers' interest steady. Quotations show no change.

Hypernic.—Interest continues fair. Prices same.

Indigo.—Market devoid of new developments. No alterations pricewise.

Logwood.—No change in market position. Prices unaltered.

Madder, Dutch.—Tone unchanged. Prices same.

Turmeric.—Supply situation continues tight. Prices steady.

Sizing Materials

Albumen, Blood. — Supplies of light blood albumen and soluble dried blood at reasonably satisfactory level. Prices show no change.

Albumen, Egg.—Nominal situation continues to prevail as regards egg albumen prices with factors awaiting more definite knowledge of Spring production schedules.

Corn Sugar.—Difficult to secure. No change pricewise. Department of Agriculture reports that Commodity Credit Corporation through January 9 had completed 19,617 loans on 23,737,970 bushels of 1942 corn in the amount of $18,378,788. Average amount advanced was 77c. per bushel. On same date last year 37,449 loans had been completed on 39,193,184 bushels.

Dextrin, Corn.—Short supplies. Tone unchanged.

Egg Yolk.—Stocks low. Prices largely nominal. See egg albumen.

Starch, Corn.—Domestic demand good. Lend-lease shipments heavy. Market very strong. See corn sugar.

Tapioca Flour.—New features lacking. Quotations unaltered.

Zein. — Satisfactory interest. No change pricewise.

Tanning Materials

Chestnut Bark Extracts.—New developments lacking. Demand at recent levels. Prices same.

Divi-Divi.—Market tone unaltered. No new features.

Hematine.—Interest continues fair. Prices same.

Hemlock Bark Extract.—Tone of market unchanged. Prices confirmed.

Mangrove Bark.—Situation unaltered with some shipments from East Africa being received now and then. South American material no longer available.

Myrobalans.—No new features. Prices steady.

Nutgalls.—WPB allocations govern transactions. Quotations same.

Oakbark Extract.—No change in market tone. New developments lacking.

Quebracho Extract.—Supplies at fair level. Prices confirmed.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 9

Obituaries

Frederick Hertenstein

Frederick Hertenstein, first vice-president of the Eagle-Picher Lead Company, Cincinnati, died in that city January 21. Mr. Hertenstein also was president of the Charles Moser Company and the Kruse & Bahlmann Hardware Company, Cincinnati. He is survived by a son, Carl Frederick Hertenstein, assistant treasurer of the Eagle-Picher Company.

James P. Pierce, Jr.

James P. Pierce, jr., of the Barium Reduction Company, Charleston, W. Va., was found dead in his wrecked plane, January 18, near Richwood, W. Va. He was flying a four-passenger plane. Mr. Pierce had long held a pilot's license and was an aviation enthusiast.

Prof. W. L. Lewis

Prof. Winford Les Lewis, inventor of Lewisite, known as the deadliest of war gases, died in his home in Evanston, Ill., January 20. He was sixty-four years of age.

A graduate of Stanford University, Prof. Lewis became instructor in chemistry at Northwestern University in 1909, and subsequently became head of the department, ten years later. He remained at Northwestern until 1924, when he became director of scientific research for the Institute of Meat Packers. He was made a captain in the Chemical Warfare Service in 1917 and started production for the Chemical Warfare Service of Lewisite in 1918 at Willoughby, Ohio. He was made a colonel in the Chemical Warfare Service in 1933.

Surviving are his wife and two daughters.

Hugh Taylor Birch, former general counsel for the Standard Oil Company, died recently, at Fort Lauderdale, Fla. He was ninety-four years of age.

Stuart Harrison Broan, who returned in 1940 as secretary of Union Bag & Paper Corporation, this city, with which he had been affiliated for thirty-five years, died in Miami, Fla., last week. He was sixty-eight years of age.

Glen H. Cross, credit manager of Richfield Oil Company, died recently in his home in Los Angeles, Calif. He was forty-five years of age.

John Michael Duffy, supervisor of the police, fire and safety department at the Solvay Process Co. for the past fifteen years, died recently at his home in Hopewell, Va. He was fifty-eight years of age.

Thomas M. Gunn, engineer in charge of equipment design and construction at the Socony-Vacuum laboratories in Philadelphia, died February 14 at his home in Haddonfield, N. J. He was sixty-four years of age.

Floyd R. Quinby, president of the Paragon Paint Company, Houston, died at his home in Bellaire, a suburb of that city, recently, of coronary thrombosis.

Charles Howell Ward, founder of Ward's Natural Science Establishment, world-known headquarters for mineral specimens, anatomical models, and all sorts of aids to science teaching, Rochester, N. Y., died in that city January 18. He was eighty years old.

George A. Williams, first vice-president in charge of the United Carbon Company, Charlestown, W. Va., died recently in his home in Clarksburg, W. Va. He was one of the organizers of the United Carbon Company. He was fifty-two years of age.

72d—OPD—Year

H. Schulman Joins Washine-National-Sands

Herman M. Schulman has joined Washine-National-Sands, Inc., Long Island City, as head of the industrial chemical sales department. Mr. Schulman, who majored in chemistry at Syracuse University, had been associated with the sales department of Philipp Brothers, this city, for six years. Previous to that he was associated with R. H. Macy & Co. as a chemist and with the St. Regis Paper Company.

H. M. Schulman

The Washine-National-Sands, maintaining executive offices in Long Island City and a plant in South Kearny, N. J., manufactures and distributes sodium hypochlorite detergents, acids, alkalies and industrial chemicals.

Dyestuffs, Pigments Civilian Use Cut

—Continued from page 4

of the 1943 dollar value of those dyes sold by an individual producer in 1941. Other points of the order are:—Unused export quotas can be carried over from one quarter to another but domestic quarters may not be carried over.

Restrictions apply only to the class of dyes and there are no provisions affecting sale of anyone specific type of dyes. The order applies to producers of dyes who use them in their own manufacture of a product requiring dyes.

In cases where dyes of one class are mixed with those of another class the class in which the mixture falls for purpose of control is determined by the class of dyes which makes up at least 90 percent of the mixture.

Previous provisions in the order relating to restrictions on use of metatoluylenediamine, anthraquinone and annatto extract remain unchanged.

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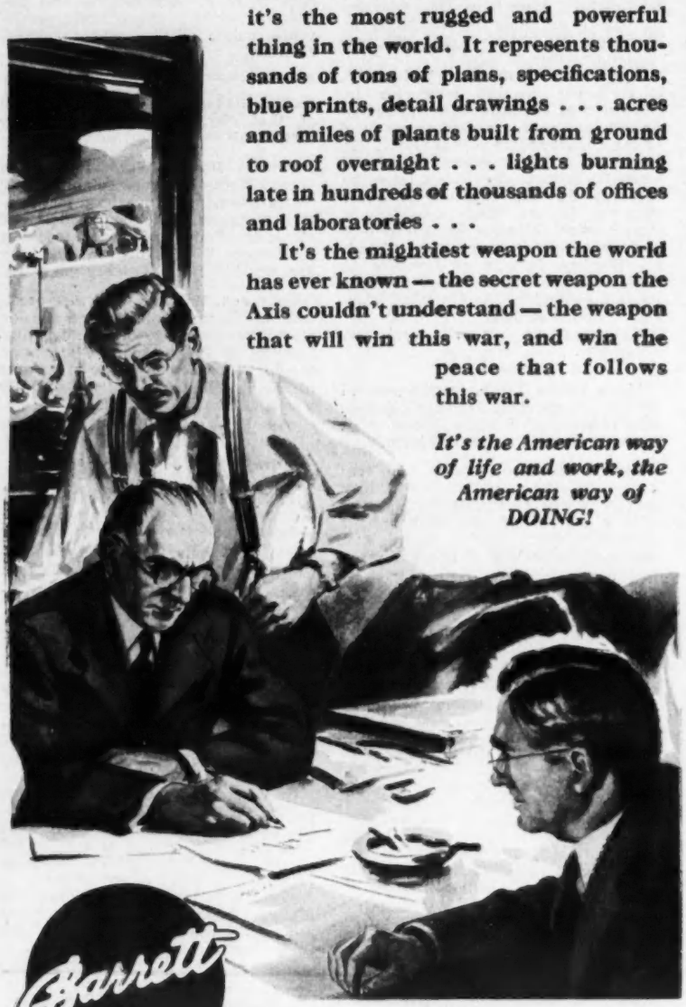

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Coaltar Chemicals

Coaltar Basic Products Continue in Tight Position — No Price Alterations Noted — Benzol Movement to Government Stockpile Again in Considerable Volume

The market for coaltar chemicals was rather featureless over the past week. No further price alterations were noted and demand showed very little fluctuation from recent levels. Benzol takings for the government stockpile for use in connection with the synthetic rubber program continued in considerable volume and the movement of toluol into the manufacture of explosives was at a heavy rate. Phenol also was being taken in large amounts to fill war production needs.

The naphthalene supply situation showed signs of tightening and, when the demand seasonally increases for balls and flakes, a much shorter condition is expected to materialize. The crude output of naphthalene is currently quite heavy but the item is being taken in large volume to maintain the heavy production schedules on phthalic anhydride. Intermediates and acids remained generally in tight supply, again reflecting the tight position of the majority of basic products. The situation in coaltar colors was about unchanged.

Steel operations last week were scheduled at 99.8 percent of capacity, an increase of 0.5 percent over the previous week, according to the American Iron and Steel Institute. A month ago the rate was 98.1 percent, and in the corresponding week of last year it was 95.0 percent, off 0.1 percent from the previous week.

Corrected estimates of byproduct cokeoven operations for the year 1942 indicate production of 192,200,000 gallons of benzol, 38,440,000 gallons of toluol, and 750,200,000 gallons of coaltar. This compared with a 1941 corrected figure of 178,470,000 gallons of benzol, 35,694,000 gallons of toluol, 8,059,000 gallons of crude and refined xylol, 77,720,000 pounds of crude and refined naphthalene, 696,609,000 gallons of coaltar, 36,845,000 gallons of creosote oil, and 10,362,000 pounds of phenol.

Price Changes

Advanced
None
Reduced
None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	130.1	130.1

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Government continues to take material in large quantity for stockpile to be used in connection with synthetic rubber program. Aviation gasoline needs in considerable volume. Tone steady. Estimates of byproduct cokeoven operations in week ended January 16 indicate production from that source of 3,764,600 gallons of benzol.

Coaltar. — Volume of shipments about unchanged. Prices steady. Estimates of byproduct cokeoven operations in week ended January 16 indicate production from that source of 14,694,200 gallons of coaltar.

Creosote Oil.—Little change in level of demand, with railroads and major utilities continuing actively in the market. Tone firm. Estimates of byproduct cokeoven operations in week ended January 16 indicate production from that source of 777,200 gallons of creosote oil.

Naphthalene. — Supply situation tightening. Crude output heavy. Movement to phthalic anhydride production in large volume with transactions governed by WPB allocation order. Prices hold unchanged. Estimates of byproduct cokeoven operations in week ended January 16 indicate production from that source of 1,639,400 pounds of crude and refined naphthalene.

Phenol.—Quotations steady at lower levels recently established. Heavy movement of material into war production channels. Plastics and synthetic resins consuming large quantities. Supplies for intermediates light. Estimates of byproduct cokeoven operations in week ended January 16 indicate production from that source of 218,500 pounds of phenol.

Pitch, Coaltar.—No new features. Prices show no change.

Pyridin.—Position tight. Price schedules unaltered.

Tar Acid Oil.—No change in market position. WPB allocations govern transactions. Prices steady.

Toluol.—Non-essential needs have little chance in very tight market. War needs in large volume. WPB allocations rule transactions. Tone steady. Estimates of byproduct cokeoven operations in week ended January 16 indicate production from that source of 752,900 gallons of toluol.

Xylol.—No alterations pricewise and material under WPB allocation order. Tighter supply condition expected. Estimates of byproduct cokeoven operations in week ended January 16 indicate production from that source of 170,000 gallons of xylol, crude and refined.

Chicago, Jan. 20.—Tight and steady market conditions continue to prevail in most grades of coaltar bases. Call for material is making a good comparison with conditions existing earlier, and the products are giving a stable market performance. Benzol demand remains good. Ruling prices exclusive of tax are:—Benzol, 90 percent, 15c. per gallon; toluol, 28c.; 10-degree xylol, 30c.; solvent naphtha, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Cyclohexane. — Demand good. Undertone same. Prices steady.

Cyclohexanol.—No change in market position. Supply situation continues tight. Prices unaltered.

Cyclohexanone.—Movement to consumers in good volume. No change in quotations.

Methylcyclohexanol.—Material in active demand. No change in prices.

Coaltar Acids

Anthranilic. — Supplies tight. No change in quotations.

Benzoic, Technical.—Tone firm, due to tight supply situation. Prices unchanged.

Broenner's. — Situation unaltered as regards demand and supply. Prices show no change.

Cleve's. — Consumer's needs unchanged from recent levels. Market firm.

Fumaric. — No new developments. Tone firm, due to tight supply situation.

Gamma.—Position unaltered. Prices same.

H.—Undertone firm, with supplies tight.

Laurent's.—Production level low. Position firm.

Maleic.—Demand and supply situation unaltered. Quotations confirmed.

Malic.—No new features. Quotations show no change.

Picramic.—Supplies tight. Prices well maintained.

Picric.—No change in level of demand or prices.

Sulphanilic.—Good interest against tight supplies. No change in prices.

Tobias.—New features lacking. Quotations unaltered.

Other Intermediates

Alphanaphthylamine. — Market devoid of new developments. No price changes.

Anilin.—Material under WPB allocation control. Supplies of oil and salts tight. Prices show no change.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 9

Anthraquinone.—No change in market tone. Prices unaltered.

Benzaldehyde.—Supplies short. Needs unchanged from recent levels. Prices confirmed.

Benzidin Base.—Demand active. No change in market tone. Prices same.

Betanaphthol.—Market tone very firm, with supplies tight.

Diethylanilin.—No new features in market. Prices show no change.

Dinitrobenzene.—Needs ahead of supplies. Tone firm.

Dinitronaphthalene.—Market position unaltered. No alterations in prices.

Dinitrotoluene.—Supplies short. Tone firm.

G Salt.—Consumers' needs heavy. Supplies light. Price schedules show no change.

Metanitroanilin.—Supplies limited. Market tone firm.

Metaphenylenediamine.—WPB allocations rule. Demand good. Quotations unaltered.

Nitrobenzene.—Position tight. Price schedules confirmed.

Orthocresol.—Short supplies hold market in tight position. Prices show no change.

Parachlorophenol.—No new developments. Market continues firm.

Paradichlorobenzene.—Supplies tight. No change in quotations.

Parachlorophenol.—Supplies continue short. No movements pricewise.

Phthalic Anhydride.—Tone firm with material under WPB allocation and use control. Production schedules heavy.

Xylidin.—Situation unaltered. No movements pricewise.

Coaltar Colors

New developments again were lacking in the market for coaltar colors over the past week. Producers continued busily engaged in supplying the needs of mills working on government orders, but curtailed operations in the civilian textile industry have resulted in a very small movement of certain shades. By maintaining textile output during 1943 at approximately last year's record rate of 13,500,000,000 linear yards, or within 5 percent of it, WPB is hopeful that essential civilian supplies can be assured, despite mounting military and lend-lease demands, according to the director of the agency's textile division.

Chemical Allocations Issued for January

—Continued from page 7

Castor Oil Phthalate

Granted in full for all uses requested.

Castor Oil Phthalate, Hydrogenated

Denied for cellophane. No other uses requested.

Chemical Cotton Pulp

Granted in full for all uses subject to the restrictions of several limitation orders governing its use.

Chloric Acid

Granted in full for fur carroting. No other uses requested.

Chlorinated Paraffin

None allocated for civilian consumption.

Chlorine

Granted in full for uses except the manufacture of wood pulps, where requests were filled 86 percent, and the manufacture of sodium hypochlorite, where requests were filled 90 percent.

Copper Chemicals

All requests in full subject to 30-day or practicable minimum working inventory restrictions.

Diamyl Phthalate

Small quantities granted in full for miscellaneous uses. Granted in part for lacquers (17 percent).

Dibutoxyethyl Phthalate

Granted in full for coatings. No other uses requested.

Dibutyl Phthalate

Granted in full for plastics (Class I and II), synthetic rubber, coatings, adhesives, and cellophane.

Granted in part for lacquers (72 percent), and miscellaneous small uses (74 percent).

Dicapryl Phthalate

Granted in full for plastics (Classes I and II). No other uses requested.

Dichlorethyl Ether

Denied for cleaning compounds and germicides. No other uses requested.

Dicyclohexyl Phthalate

Granted in full for lacquers. Denied for all other uses.

Diethoxy Ethyl Phthalate

Granted in full for lacquers. No other uses requested.

Diethyl Phthalate

Granted in part for plastics (Class I and II) (98 percent). Other uses granted in part (91 percent)—overall basis.

Diethyleneglycol

Granted in full for cutting oils, molding binder, and gas dehydration. Granted in part for general plasticized (75 percent), for general textile (77 percent), for chemical manufacture (14 percent), and for tobacco humectant (43 percent).

Dimethoxyethyl Phthalate

Granted in full for plastics (Classes I and II) and cellophane. Only uses requested.

Dimethyl Phthalate

Granted in full for cable. Plastics (Classes I and II) granted in part (95 percent). Other uses granted in part (85 percent, overall basis).

Dimethylcyclohexyl Phthalate

Granted in full for cellophane. No other uses requested.

Dioctyl Phthalate

Granted in full for cable and miscellaneous small uses. Granted in part for coatings (68 percent).

Diphenylamine

Granted in full for phenothiazine, dyes, smear No. 62, air brake and grease compound, drugs and soap anti-oxidant.

Cresols, Cresylic Acid, Domestic Coal Tar

Granted in full for chlorinated phenols. Granted in part for medicinals (68 percent), disinfectants and insecticides (12 percent), dyes, pigments, and inks (10 percent), chemical manufacture (72 percent). All other uses denied, including minor non-essential chemical manufacturing, and plasticizer other than tricresyl phosphate.

Ethylcellulose

Granted in full in all cases in the following categories, except where end-use did not warrant use of ethyl cellulose and where substitutes could be used—food, transportation, communication and utilities, photography and x-ray, industrial uses, and printing and publishing.

Denied for civilian clothing, civilian furniture and civilian plastics.

Ethyleneglycol

Granted in full for all uses except chemical manufacturing (97 percent), and civilian antifreeze (98 percent).

Ethyl Phthalylethylglycollate

Granted in full for miscellaneous small uses. Denied for coatings.

Furfural

Granted in full for civilian resins rated A-10 or higher, petroleum refining, and abrasive wheel binder. Granted in part (50 percent) for civilian resins rated lower than A-10, and for hydrogenation of furfural (50 percent).

Glycerin

Granted in full for all civilian uses rated A-1-k and higher. Granted in part for the following uses:—drugs and pharmaceuticals (62 percent), synthetic resins (33 percent), ester gums (33 percent), rubber products (31 percent), gaskets and cork products (40 percent), cellulose films (70 percent), glassine and grease-proofing paper (50 percent), printers' rollers (86 percent), printing supplies (45 percent), textiles (printing, dyeing, and finishing) (33 percent), adhesive (including book bindings) (38 percent), paper other than glassine and grease-proofing paper (56 percent), beverages (18 percent, flavoring extracts, 42 percent), other edible products (56 percent), tobacco (48 percent), cosmetics, toilet preparations, dentifrices and shaving preparations (29 percent), wetting agents (37 percent), other chemical manufacture (67 percent).

Denied for triacetin and diacetin and candy and gum.

Hexahydric Alcohols

Sorbitol-isomeric mixture:—Granted in full for plasticizers for capacitor esters, dietetic foods, textiles, and printing inks. Granted in part for gelatine and glue extender (65 percent) and paper and cork (26 percent).

d-Sorbitol:—Granted in part for ascorbic acid (96 percent) of November, 1042, consumption). Granted in part for various esters (13 percent).

Crystalline Mannitol:—Granted in part for ester manufacture (62 percent). Denied for dietetic foods and for resale.

Isobutyl Alcohol

Granted in full for urea formaldehyde resins, hydraulic brake fluids, ethyleneamines, isobutylaldehyde, stabilized vapor degreasing solvent, rubber substitute and resale for research. Granted in part for lubricants (rayon) (50 percent); lacquers and lacquer thinners (50 percent); and resale (50 percent) (small lot exemptions).

Isopropyl Alcohol, 91 Percent

Granted in full for all uses.

Isopropyl Alcohol, 99 Percent

Granted in full for all uses except rubbing alcohol, where requests were granted 50 percent.

Isopropyl Alcohol, 95 Percent

Granted in full for solvents, oil emulsions and technical coatings.

Available in quantity

AMMONIUM THIOCYANATE
(Ammonium Sulfocyanide)

Ammonium thiocyanate finds a variety of uses in industry . . . for the production of resinous condensation products, insecticides, metal plating baths, textile finishing agents, pickling compositions, photographic chemicals, lubricants and adhesives.

Ammonium thiocyanate has a behavior similar to other ammonium salts, but it also provides the variations of the thiocyanate group which is very stable and, in many reactions, resembles the halogens.

If you are now using any ammonium salts in your processes, such as chloride, acetate, oxalate, carbonate or nitrate, you may find you can use ammonium thiocyanate to advantage.

Samples and quotations on request.

KOPPERS COMPANY
Tar and Chemical Division · Pittsburgh, Pa.

Lithium Compounds

Small quantities allocated to medicinals (1 percent of requests). Denied for all other civilian uses.

Methylethylketone

Allocated in full for dewaxing lubricating oils, cellulose acetate, inks and rotogravures, synthetic rubber, vinylite coatings and textiles.

Granted in part for lacquers and thinners (47 percent) and cleaners and removers (47 percent).

Methyl Phthalylethylglycollate

Granted in full for plastics (Classes I and II) and adhesives. No other uses requested.

Mineral Oil Polymers

Granted in full for composition floor tiles, protective coatings, printing inks and fibre board impregnant.

Mixed Glycols

Granted in full for all uses except civilian anti-freeze.

Denied for civilian anti-freeze.

Naphthalene

Granted in full for all uses except moth prevention. Allocations for this purpose were on the basis of 90 percent of the average monthly consumption for this purpose during the first quarter of 1941.

Naphthenates

Granted in full for the following uses: —industrial, agricultural and structural equipment; transportation, communication and utilities; cleaning and degreasing; and food.

Naphthenic Acid

Granted in full for chemical uses.
Denied for textile treating.

Nitrocellulose

Granted in full for the following uses: —shoes, metal button lacquer, collodion, medical equipment, raincoats, moisture-proof coatings for food, bottle closure linings, food labels, sausage casing, auto refinishing, radio, telephone, machines and machine tools, power belting, electrical equipment and supplies, tape, casting sealer, rotogravure inks, book cloth, tracing cloth, stencil, drawing instruments, model airplanes, oil container, Class I plastics, photographic film (subject to L order), cellophane coating (subject to L order), motion picture screens.

Granted in part for:—water-proof sheeting (75 percent), baby pants (75 percent), dress shields (75 percent), fountain pens (50 percent), furniture (50 percent), furniture undercoatings (75 per cent).

Denied for handbags, belts, luggage, hats, fingernail polish, wearing apparel, decorative food uses, furniture, upholstery (except transcription), window shades (except government agencies), floor covering, oil cloth, transcription (except central station, recreation and amusement), jewelry and novelties, sporting goods and caskets.

HOOKER ELECTROCHEMICAL CO.
HOOKER
Benzoate of Soda
HOOKER
ELECTROCHEMICAL
COMPANY
Niagara Falls, N.Y.

Normal Butyl Alcohol

Granted in full for resins and plastics. Following uses granted in part:—Butyl acetate (64 percent); dibutyl phthalate (17 percent); butyl cellosolve (67 percent); other butyl derivatives (60 percent); hydraulic brake fluids (39 percent); photographic and reproduction (95 percent); medicinal and pharmaceutical (97 percent); textiles and coated fabrics (42 percent); chemical manufacture (92 percent), and industrial protective coatings (38 percent). Denied for cellulose acetobutyrate and oil additives.

Oiticica Oil

Granted for food containers and insulation.

Denied for industrial equipment, chemical resistant finishes, furniture wood products, special printing inks, and in cases where no breakdown on end-use was given on the application.

Paraphenylphenol Resin

Granted in part (60 percent) for electrical equipment, containers, paper liners for bottle caps, coated abrasives, road building and railroad equipment, machinery.

Petroleum Sulphonates

Granted in full for rust preventive, fat splitting, anti-freeze compounds, lubricant additives, tetraethyl compound, metal cleaning, cutting oil, petroleum emulsion breaking, printing ink, detergent and wetting agents, drawing compound, and rubber processing. Granted in part (50 percent) for textile oil and leather oil.

Denied for drycleaning.

Phenol

Allocated for medicinals on the basis of 70 percent of 1941 average monthly consumption. Granted (80 percent) for disinfectant and preservatives with no domestic cresol and cresylic acid being allocated for this purpose. Dyes, pigments and inks granted 50 percent. Chlorinated phenols were granted 50 percent. Chemical manufacture granted 85 percent. Phenolic resins granted 66 percent. Triphenyl phosphate granted in full. Substituted phenols 69 percent.

Phenols, Substituted

Granted in full for oil additives and in part for disinfectants and preservatives (94 percent).

Phenolic Resins, Specialty Products

Granted in full for industrial water purification. Granted in part (90 percent) for electrical insulation.

Granted in part (85 percent) for abrasives, bonded saturated asbestos structures, corrosion resistant construction material, lamp and tube basing. Granted in part (50 percent) for industrial heat insulation and equipment.

Denied for all other uses.

Phenolic Resins, Laminating Material

Granted in part (90 percent) for electrical insulation parts, mechanical and structural uses, safety helmets, phenolic gears, highspeed ball bearing castors, plating barrels.

Denied for all other uses.

Phenolic Resin Molding Compound

Granted in full for food closures and other closures (except wine and liquor). Granted in part for printing plates (85 percent), textile and rayon equipment (85 percent).

Denied for wine and liquor closures and for all other uses.

Phenolic Resin Protective Coatings

Granted in full for medical, pharmaceutical, food, health supplies and printing and publishing (to the extent of conforming with M-53). The individual allocations were adjusted for inventory and further adjustments were made where excessive amounts were requested (in terms of previous consumption).

Denied for first aid, air raid defense, fire extinguishers, utilities and transportation, except use in armatures and coils which was granted in full.

All other uses denied.

Phenolic Plywood Adhesives

Granted in part (90 percent) for transportation. Some individual requests were reduced further because of excessive inventories.

Denied for industrial construction and equipment, war housing, and all other uses.

Phosphorus

Following uses granted in full: matches, sugar refining, activated carbon, fertilizer and coumarin. The following were granted in part:—power plant chemicals (85 percent), pharmaceuticals (80 percent), dyestuffs (75 percent), fire retardants (90 percent), acid leavening (71 percent), yeast (90 percent), industrial detergents (40 percent), industrial soaps (40 percent), household detergents (40 percent), household soaps (40 percent), dentrifrices (80 percent), glass (50 percent), wood pulp treatment (66 percent), beverages (50 percent), gelatin (80 percent), salt conditioner (85 percent), and other food uses (85 percent).

Phthalic Alkyd Resins

Granted in part (75 percent) for medical-pharmaceutical and health supplies, food and beverage containers, first aid equipment, utilities, printing and publishing. Granted in part (50 percent) for agricultural machinery, construction machinery, commercial food purposes, clothing plants and equipment. Granted in part (25 percent) for hotels, apartments, offices and domestic furniture.

Phthalic Anhydride

Granted in full for resins, esters, dyes and intermediates, and food and drugs, except in individual cases where the request was inflated or the applicant had on hand an excessive inventory.

Polyvinyl Formal

Denied for all civilian uses.

Polyvinyl Alcohol

Granted in full for zinc anodes and for molded plastics.

Granted in part for adhesives (33 percent)—overall basis, since insufficient information was given on some applications. Denied for experimentation.

Polyvinyl Acetate

Granted in full for experimental purposes (small quantities), for photo paper (small quantities) and for batteries (small quantities).

Granted in part (44 percent) for essential civilian adhesives. Other civilian adhesives granted in part (11.1 percent) from inventory.

Polyvinyl Butyral

Denied for all civilian uses.

Polyvinyl Chloride

A small quantity granted for coated fabrics. No other civilian uses permitted.

Potash Chlorate

Granted in full for railroad torpedoes and fusees, pharmaceutical purposes, fur carroting and dyeing, and chemical processing. Granted in part for matches (95 percent).

Potash Perchlorate

Granted in full for railway flares and mining explosives.

Propyleneglycol

Granted in full for all uses for which it was requested.

Pyrethrum

Granted in part for food protection (59 percent) and for general insecticide (40 percent).

Pyridin

Granted in full for sulfa drugs, other medicinals, zelan and vitamins.

Rapeseed Oil

Granted in full for pharmaceuticals.

Granted in part for rubber compounding (75 percent) and insulation (75 percent).

Denied for lacquer for wood products.

Saran

Granted in full for tubing, molded, rigid sheeting.

Granted in part for filament (85 percent).

Secondary Butyl Alcohol

Granted in full for hydraulic brake fluids and rubber plasticizers.

Granted in part for lacquer and thinners (80 percent) and for solvents (cleaning) (68 percent).

Shellac

The following uses, which consume relatively small quantities of shellac, were granted in full:—zinc engraving—, photo—, drawing ink, correction fluid, tracing ink; printing compound; cement for musical instruments; candy; cental base plates, sand discs; cement, opticians—pitch lens, lamps; binding agents; pharmaceuticals—health goods, medicinal tablets; and mimeograph stencil, addressograph. The following uses were granted in part:—hats (33 percent); leather finishes (50 percent), and shoes (53 percent). The following uses were denied: fruits, vegetables; floors; maintenance and repair ;phonograph records; linoleum; conveyors; mirrors; and experimentation.

Silica Gel

Granted in full for all uses for which it was requested.

Soda Chlorate

Granted in full for colors, dyes and intermediates, for chemical processing, and for textile processing, printing, or dyeing. Granted in part for weed control (95 percent) and for soot removing compounds (50 percent).

Soda Nitrate

Granted in full for all uses for which it was requested.

Sperm Oil

Granted in full for cutting oil, drawing compounds, lubricants, additives and quenching oil.

Denied for use in leather products.

Allocations have not yet been made for duplicating carbon and textile oil. These will be reported at a later date. In addition, small quantities of sperm oil were allocated for miscellaneous essential uses.

Styrene

None allocated for civilian use.

Sulfamic Acid and Sulfamic Acid Derivatives

Granted in part for the manufacture of dry colors (60 percent) and for flameproofing textiles (10 percent).

Toluene

Granted in full for medicinals.

Granted in part for dyes and intermediate (43 percent), food preservatives (22 percent), miscellaneous chemicals (23 percent), laboratory and research (10 percent). Denied for protective coatings, cleaning and solvents.

Tricresyl Phosphate

Denied for all civilian uses.

Triethyleneglycol

Granted in part for general plasticizer (54 percent) and chemical manufacture (85 percent).

Triphenyl Phosphate

Granted in full for all uses for which it was requested.

Tertiary Butyl Alcohol

Allocated in full for all civilian requests. Uses permitted were:—paratertiary butyl phenol, lubricants (rayon), solvents, printing inks, detergens.

Theobromine

Granted in full for civilian medicinal requirements. Adjustments were made to allow distributors a 60-day inventory and pharmaceutical manufacturers a 90-day inventory.

Tung Oil

Granted in full for insulation, chemical resistant coatings, industrial tape, brake linings, and printing inks and mats. Slightly less than 5 percent of the total amount of tung oil authorized was allocated for use of implements of war only as defined by Amendment 1 to General Preference Order M-71. The following uses were granted in part:—food container coatings (99 percent), coated fabrics (91 percent) and industrial coatings (31 percent).

Vinyl Acetate Monomer

Denied for all civilian purposes.

Vinylite Vyhh

Granted in full for coated fabrics and coated paper.

Granted in part for adhesives (40 percent), for molded plastics (23 percent). Denied for protective coatings.

Vinylite Vyns

Granted in part for molded plastics (39 percent), for coated fabrics (16 percent), rigid sheeting (53 percent—substitute available).

Vinylite Vynw

Granted in full for tubing.

Denied for adhesives, for wire and cable, and for coated fabrics.

Vinylite Scrap

Granted in full for adhesives, coated fabrics, tubing, molded, and experimentation. Denied for protective coatings.

72d—OPD—Year

R. P. Bonnie Heads Louisville Trade Board

Robert P. Bonnie, secretary-treasurer of the Kentucky Color & Chemical Company, has been elected president of the Louisville Board of Trade. This is the city's one organization representing all manufacturers and merchants, and is the spokesman for the city's entire industry and trade.

Low Temperature Carbonisation, Ltd.
ENGLAND

Largest manufacturers in the World of low temperature tar acids of the highest possible degree of purity and efficiency.

Pale 99/100% American duty free Cresylic Acid, distillation range about 208/235°C.

This is the first time in history that highly refined tar acids of this type have been made available on a large scale, and remarkably good results are being obtained by our many American buyers.

Please send us a note of your requirements with full particulars to our Sales Agents:—

TAR RESIDUALS, LTD.
"Garthlands," Reigate Heath,
SURREY, ENGLAND

Paint, Varnish, Lacquer Materials

Volume of Civilian Buying Expanding in Paint Materials As War Contract Business Temporarily Recedes—Potential Market Looms Bright with Plethora of Repaint Opportunities

Though there has been a slight respite in the hitherto heavy buying of paint, varnish and lacquer materials for account of the United States military establishment within the past week, the lull in new purchasing operations on this score has been compensated for in part by a more than seasonal expansion of the buying movement of normal consumers, chief among whom are the manufacturers of finished paint products, intent upon replenishing greatly depleted stocks in preparation for a burst of paint-up activities with the outset of Spring. In obtaining the customary lines of drying oils, solvents and plastic materials, these civilian purchasers have experienced increasing difficulties because of recently imposed restrictions on the use of linseed oil and other vegetable oils, naphthanates and numerous vehicles of similar character heretofore widely employed by the paint industry. But, as in many previously encountered obstacles in the synthetic resin market, the resourcefulness of the industry has enabled it to surmount these stumbling blocks by recourse to bodied linseed oil and other substitutes and new formulations. Even in adjusting itself to the use of fiber drums and glass containers, the industry is making notable progress.

Greatest activity in the paint materials market is now centering in lead and zinc pigments, especially the oxides and sulphides such as litharge and lithopone, and in titanium dioxide and lead titanates, wherein deliveries on outstanding contracts are moving at a notable rate while new orders are being placed on a steadily expanding scale for nearby and forward shipment at present prices, on the proviso that payments therefor will be readjusted in the event of subsequent marked price revisions. Reports of an impending upward revision of the price of linseed oil by OPA are deemed premature.

Metallic Lead and Zinc

It is now figured by the director of the WPB Tin-Lead Division that the supply of metallic lead in the United States this year will be somewhat below that of 1942, because of a contemplated shutting off of imports from Canada and Australia and a necessary curtailment of shipments from South America, which will leave the market almost solely dependent for supplies upon domestic production. But the Lead Producers Industry Advisory Committee, which has been apprised of these facts by the Tin-Lead Division director, has also been informed that the current year's supply will be sufficient for all presently known requirements and also for furnishing a margin for stockpiling. At all events, it appears certain from this survey of the 1943 outlook for metallic lead that the oxidizers and other manufacturers of lead pigments will not have any difficulty in procuring all the pig lead as well as ore that they require, even if additional substitution of this metal for other more critical materials may eventually cause a contraction in less essential uses. Though not attempting to change prevailing prices of pig lead in the St. Louis and New York markets, the Office of Price Administration has revised and amended its price regulation for scrap lead and secondary lead, while also amending the price schedule for primary lead.

Though in nowhere nearly as liberal supply as pig lead, zinc slabs continue obtainable by makers of zinc oxides and sulphides in sufficient quantities to meet all their requirements. Little or no interest attaches to WPB's inclusion of zinc dross, scrap and skimmings of foreign origin to List 2 of Imports Order M-63, for the purpose of tightening control of zinc in all forms.

Lind. — Prevailing spot prices at New York, St. Louis and London for the period from January 15 to January 22, inclusive, were as follows:—

	Pigs		
	Per pound		Spot, London. Per ton
	New York.	St. Louis.	£ s. d.
Saturday	$0.0650	$0.0635	* .. .. ..
Monday	.0650	.0635	.. .. ..
Tuesday	.0650	.0635	.. .. ..
Wednesday	.0650	.0635	.. .. ..
Thursday	.0650	.0635	.. .. ..
Friday	.0650	.0635	.. .. ..

* London exchange closed.

Zinc. — Prevailing spot prices at New York, East St. Louis and London for the period from January 15 to January 22, inclusive, were as follows:—

	Slabs		
	Per pound		Spot, London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0866	$0.0825	* .. .. ..
Monday	.0866	.0825	.. .. ..
Tuesday	.0866	.0825	.. .. ..
Wednesday	.0866	.0825	.. .. ..
Thursday	.0866	.0825	.. .. ..
Friday	.0866	.0825	.. .. ..

* London exchange closed.

Price Changes

Advanced

None

Reduced

None

Rosin, gum, dark, medium, 3c. to 10c. per 100 lbs.
Turpentine, gum, ½c. per gal.

Comparative Values

Index numbers compiled from ten typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	139.3

Market news that may have developed after this report was sent to press will be found on page 4.

Pigments

Blue Lead.—Continues in fairly active request.

Lead Titanate.—Deliveries against outstanding contracts reaching sizable proportions with a moderate amount of new business being placed at existing prices.

Litharge. — Shipments still going forward briskly.

Lithopone.—Moving steadily into consuming channels.

Orange Mineral.—Buying interest growing.

Red Lead.—Expanding buying movement recorded.

Titanium Dioxide.—Demand growing steadily.

White Lead.—In moderately brisk call.

Zinc Oxides.—Continues in fair request. Stocks lowered by recent diminution of production but supplies of American process zinc oxide still adequate for all normal trade needs.

Fillers and Extenders

Asbestos.—Continues moving steadily into consuming channels. Supplies of both Canadian and domestic grades adequate.

Barytes.—In moderate request.

Charcoal.—Business of fair proportions noted.

China Clay.—Routine movement recorded into paper coaters' and paint industry channels.

Diatomaceous Earth.—In fair request.

Fuller's Earth.—In limited inquiry.

Graphite.—Buying interest expanding.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 9

EMERGENCY RATIONS

Photo by U. S. Army Signal Corps

Every soldier knows that his emergency ration is not a banquet — but he still carries it — through thick and thin, and when he needs it — boy — it does a swell job of filling in.

We know our Paranol 4142 and Paranol V — are not the ultimate in synthetic resins — but — you can get them without priority — and they do a swell job of filling in.

Samples of resin and suggested formulae are offered as well as the services of our technical staff for your convenience.

PARAMET SYNTHETIC RESINS

PARAMET CHEMICAL CORPORATION
MANUFACTURERS OF SYNTHETIC RESINS
44TH AVENUE AND 10TH STREET • LONG ISLAND CITY, N. Y.

STEARATES

ZINC • ALUMINUM
CALCIUM
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Twenty years of continuous manufacturing and research.

You can depend on the highest standard of quality.

Available in cartons up to carload lots.

SYNTHETIC PRODUCTS CO.
LONDON RD. & EUCLID AVE. CLEVELAND, OHIO
Established 1917

LAMP
CARBON
BONE

BLACKS

LAKE
VINE
OXIDE

C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

CHARLES B. CHRYSTAL
CBC
MINERALS, CLAYS, COLORS
1897
NEW YORK

CHARLES B. CHRYSTAL CO., Inc.
18 HUDSON ST., NEW YORK - JERSEY CITY

TALC
PUMICE
TRIPOLI
SILEX

KAOLIN
BENTONITE
WHITING
PRECIP. CHALK
EARTH COLORS
BONE ASH

MANGANESE
ANTIMONY
TERRA ALBA
QUARTZ
DIATOMACEOUS EARTH

Established 45 Years

STEARATES

Stocks at
- NEW YORK
- CHICAGO
- ST LOUIS
- PHILADELPHIA
- DALLAS
- MEMPHIS
- SHAWNEE, OKLA.
- LOS ANGELES
- SAN FRANCISCO
- OAKLAND
- SEATTLE
- PORTLAND, ORE.

ZINC STEARATE
BARIUM STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE

FRANKS CHEMICAL PRODUCTS CO.
BLDG. 9, BUSH TERMINAL — BROOKLYN, N.Y.

Shawnee
DRY COLORS
"Color Content Guaranteed"

Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Ultramarine Blue

KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities

Distillers of Coal Tar Products

Gypsum. — Latest arrivals have amounted to 2,450 tons. A moderate buying interest is shown.

Mica.—Moving steadily with stocks of paint grades ample for dry and wet ground requirements.

Whiting.—There is complete refutation, in local supplies, of the statement recently made by the Technical Subcommittee of the Protective and Technical Coatings Industry Advisory Committee, that imported English chalk is no longer available for the making of putty, camouflage paint and other uses, so that the trade should look to domestic whitings as substitutes. Though stocks of English chalk

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216 Tremont Street, Boston
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White & Co., Akron and Cleveland
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J. A. Kagan, Dierks Building, Kansas City, Mo.
Brice H. Boyet, Louisville, Ky.
B. & S. H. Thompson & Co., Regd. Montreal and Toronto
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CHINAWOOD OIL
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Special Oils to Order

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Made from readily available domestic materials, providing an unmatched combination of desirable properties — low-cost PICCOLYTE answers many of today's problems—helps you produce more and better goods . . . quicker!

These PICCOLYTE properties warrant your immediate investigation: low specific gravity (0.98); low cost per pound; readily soluble in low-cost naphthas; chemically inert; resists acids, alkalies, brine, alcohol; is thermoplastic, unsaponifiable; pale in color and non-yellowing; available in various melting points. Let PICCOLYTE boost your essential production . . . write for free sample.

PICCO 5

5 PLUS VALUES YOU GET IN PICCOLYTE
1. NON-YELLOWING
2. LOW-COST
3. PALE COLOR
4. PETROLEUM-SOLUBLE
5. CHEMICALLY INERT

Made From Readily Available Domestic Materials

PENNSYLVANIA INDUSTRIAL CHEMICAL CORPORATION
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Representatives in Principal Cities
Makers Of: Coumarone Resins - Coal Tar Naphthas - Rubber Plasticizers - Reclaiming Oils

Natural ASPHALTS

BARBADOS • CUBAN • EGYPTIAN
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ALLIED ASPHALT & MINERAL CORP.
217 BROADWAY, NEW YORK FACTORY: DUNELLEN, N. J.
Agents and Warehouse Stocks in Principal Centers

or whiting were somewhat reduced last Fall, there have been sizable shipments since then to this country and orders are still being placed and filled in England, with shipments being limited only by the amount of shipping space available. A fair demand continues to be noted, although there has been some diminution in the use of putty by the paint trade.

Driers

Stearates and palmitates are in good demand and manifesting a stronger market tone. There is also a moderate call for substitutes for the completely allocated naphthanates, such as linoresinates.

Dry Colors

Alkali Blue.—A fair demand is reported.

Bone Blacks.—Business continues of routine character.

Chrome Colors.—While most of the current orders in these colors are for small quantities, some sizable contracts are being placed in chrome oxide and zinc yellow, also in chrome green and chrome yellow. Prices continue well maintained throughout the list.

Carbon Blacks.—Gas black continues moving in fair volume with manufacturers of reclaimed rubber leading in the purchasing operations. Greater activity is looked for as the synthetic rubber program gets further under way.

Lithol Toners.—Business in these materials is steady, though rather limited.

Mercuric Oxides.—In moderate request.

Ochers.—A slight slowing up in the placing of orders in these colors is now reported.

Vermilions.—A normal movement is noted, with supplies adequate for current needs.

Lacquer Materials

Butyl Alcohol.—Transactions governed by WPB allocations. Prices under individual OPA ceiling.

Butyl Acetate.—Position tight with butyl alcohol supplies scarce. Prices unaltered.

Cellulose Acetate.—No new features in market. Pricewise, no change.

Dibutyl Phthalate.—All phthalates in tight supply. Quotations same.

Ethyleneglycol. — Material under WPB allocation. Order also affects propylene, diethylene, and triethylene glycols.

Isopropyl Alcohol.—Standard chemical forms PD-600 and PD-601 will be used in future in allocating isopropyl alcohol under amended general preference order M-168.

Nitrocellulose. — WPB allocations govern transactions. Prices show no change.

Naval Stores

Business in Southern markets for naval stores was suspended on Tuesday last in observance of the birthday of Robert E. Lee. Quiet conditions prevailed on other days of the week and the general situation remained much as it was in the previous week. A decline in turpentine at one time was regarded as merely temporary and as due mainly to the sluggishness of trade in recent weeks. Variations in rosin quotations were generally narrow and the underlying position of that commodity was still regarded as firm. Although new business in rosin was comparatively slow, the indication apparently continued to point to a rather liberal consumption in war and other industries. With operations in the woods on a diminishing scale, primary receipts and offerings were light.

Turpentine.—The local market was a small affair, buying interest being limited to unimportant lots to fill the current needs of consumers. Price developments in the South were reflected here.

Savannah, Jan. 22.—Following is a record of the turpentine market for the week:—

	Gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Saturday*	...	...	...	...	...
Monday	63¾	1,650	10	1	29,639
Tuesday*	...	...	...	...	...
Wednesday	63	8,650	120	6	29,753
Thursday	63	...	15	24	29,744
Friday	63½	1,700	52	...	29,754

* No trading.

Jacksonville, Jan. 22.—Turpentine stock, 21,925 barrels.

Chicago, Jan. 22.—Turpentine quiet. Five drums, 76c. per gallon; five wood barrels, 81c.

London, Jan. 22.—Turpentine, 87s. per cwt.

Rosin.—A firm tone prevailed in the local market for rosin in the absence of any marked change in the situation in the South where receipts and offerings were light.

Savannah, Jan. 22.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted—				
	*Sat.	Mon.	*Tues.	Wed.	Thurs.	Fri.
B	...	$2.95	...	$2.95	$2.95	$2.90
D	...	3.00	...	3.00	3.00	2.95
E	...	3.25	...	3.25	3.25	3.23
F	...	3.40	...	3.40	3.40	3.34
G	...	3.45	...	3.45	3.45	3.43
H	...	3.48	...	3.48	3.48	3.48
I	...	3.62	...	3.62	3.62	3.62
K	...	3.75	...	3.75	3.75	3.75
M	...	3.83	...	3.83	3.83	3.83
N	...	3.90	...	3.90	3.90	3.90
WG	...	3.95	...	3.95	3.95	3.95
WW	...	4.00	...	4.00	4.00	4.00
X	...	4.00	...	4.00	4.00	4.00

	Barrels				
Sales	...	114	...	39	...	347
Receipts	...	62	...	376	73	36
Shipments	...	...	...	472	410	...
Stocks	...	...	...	...	...	92,215

* No trading.

Jacksonville, Jan. 22.—Rosin stock, 170,427 barrels.

Chicago, Jan. 22.—Rosin quiet. B grade, 5 drums, $4.25 per 100 pounds net; W.W. grade, $5.30.

London, Jan. 22.—Rosin, W.W., 33s. per cwt.

Other Naval Stores

Pine Oil.—Output moving steadily on contracts. Local supplies light. Market firm.

Pitch.—Steady movement into consuming channels on contracts. New business quiet locally.

Rosin Oil.—Firm in company with basic material. Local trade somewhat more active.

Shellac

Movement of shellac into consuming channels was confined almost totally to industries with war commitments to meet. The consumption ran to high figures. It was fortunate that shellac is reaching here steadily and in large quantities from the primary market and it is safe to assume that all needs arising from the war will be met totally and promptly.

Synthetic Resins

Although restrictions continue to surround many synthetic resin materials, there is still an active demand for most of the finished products and recourse is being bad on an increasing scale to substitutes which are proving generally satisfactory.

In an announcement made by WPB, full use is granted to phenolic resin protective coatings for medical, pharmaceutical, food, health supplies and printing and publishing, provided that such uses conform with M-53.

Chlorinated Rubber.—This material is moving only in small quantities representing stocks still on hand, as production has been halted by restrictions.

Ester Gum.—Continues in keen demand but, inasmuch as the output is greatly limited by restrictions on raw materials, business in this article is necessarily small.

10 MAJOR ADVANTAGES of Poly-Pale Resin

—a polymerized rosin developed by Hercules

1. Melting point is higher by 15 to 20°C. than that of regular rosins.
2. Does not crystalize in solution.
3. It is soluble in almost all common solvents.
4. It dissolves quickly.
5. Solutions are higher in viscosity than those of regular rosins.
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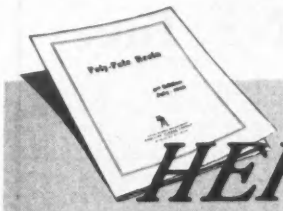
9. Available in two pale grades, WG and N.
10. Poly-pale is available in quantity at prices only a fraction of a cent over the palest grades of natural rosin.

You'll find extensive technical data on this valuable new material in the revised 2nd edition of the booklet "Poly-Pale Resin." Mail coupon for your free copy.



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Varnish Gums

Asphaltum. — Buying movement reaching sizable proportions. Prices strongly maintained.

Copals.—Although varnish makers are necessarily limiting their buying operations to sixty days' supply, they are generally making more sizable purchases than for some time past. Stocks of unsorted Congo gums are being steadily built up and from these fairly sizable supplies the eleven sorted grades are being procured. Prices continue well maintained.

Kauri.—Stocks of white and brown varieties are being steadily reduced and advices from Aukland indicate that the only replacements that can now be made are in the bush kinds.

Glues and Binders

Casein. — The long-awaited announcement of a uniform ceiling price for domestic casein, as fixed by the Office of Price Administration, will probably be made within the next few days, as a sequel to a conference of domestic producers and other suppliers, held in OPA headquarters in Washington, January 22. Meanwhile, the demand has dropped to meager proportions, as paper coaters and the paint trade have limited their purchases considerably. Although production has diminished considerably, the market has failed to stiffen noticeably, inasmuch as producers have been compelled to maintain the individual prices authorized by Conservation Order 280. These individual prices show a range from 19 to 21 cents per pound for the 20-30 mesh domestic material. The Argentine casein market remains dormant, as no import licenses can be obtained.

Glues.—Hide glues continue actively sought for and in tight supply situation, due to a shortage of raw materials. Bone glues are in only light inquiry, with prices likely to be reduced to encourage buying.

72d—OPD—Year

N.Y. Paint Association To Meet January 28

First of the monthly dinner-meetings in 1943 of the New York Paint, Varnish and Lacquer Association will be held in the Biltmore hotel, January 28. The theme of the entertainment, which will follow a brief business session, will be the United States Navy's achievements.

In the course of developing this theme, Lieut. John D. Lodge, of the Third Naval District, will conduct an interview with two enlisted heroes recently returned from action in the Southwest Pacific area, who will relate their war experiences. There will also be a showing of the Navy's official technicolor film, 'Battle of Midway," depicting that great air and naval clash which President Roosevelt has characterized as "our most important victory in the Pacific area in 1942."

72d—OPD—Year

American Marietta Buys Ferbert-Schorndorfer Co.

American-Marietta Company, paint and varnish manufacturer, Chicago, recently acquired the Ferbert-Schorndorfer Company, Cleveland, Ohio. It will be operated as a subsidiary with no change in its management.

David Andrew, who has been with the Ferbert-Schorndorfer Company since 1930, will continue as its president. Guy Bartholomew, with the company since its inception in 1922, has been elected vice-president. Grover Hermann, head of American-Marietta, has been elected chairman of the board. The Ferbert-Schorndorfer Company, was founded some twenty years ago to specialize in metal finishes.

An increase in net sales from $6,370,325.94 to $7,205,119.43, the American-Marietta Company and its subsidiary was reported. Profits of the company before Federal and State taxes were $717,880.43, compared to $694,594.82 for 1941. Taxes for 1942, were $432,918.99, against $330,128.27 for the previous year.

72d—OPD—Year

Copper Oxide And Powder Available

OPD Washington Bureau

WPB officials told members of the Marine Paint Industry Advisory Committee, meeting here recently, that if any shortage of mercury pigments should develop in the future, adequate supplies of cuprous oxide and powder will be available.

Industry members informed the government at the same time that efforts to develop substitute metal containers have failed to date, and the all-fiber container recently developed for regular paints has proved inadequate for marine finishes.

Materials used by the marine paint manufacturers are not now under the CMP, the industry was told, but the industry will be kept advised of any changes in the plan which might affect the manufacturers of this type of paint.

Chinawood oil is not as scarce as castor oil this month, but none is coming in and curtailment will be necessary, the industry was advised.

72d—OPD—Year

New York City Extolled As Chemical Center

The City of New York is the chemical capital of the world, said Hugh Craig, editor of OIL, PAINT AND DRUG REPORTER, in the Business Forum of the Commerce and Industry Association of New York on radio station WMCA January 15. Numerous examples of the volume, value, and variety of the city's chemical production were presented by Mr. Craig, Dr. W. S. Landis, vice-president of the American Cyanamid Company, and Prof. Ross A. Baker, of the College of the City of New York, as they discussed various aspects of the chemical industry as a local and national resource.

The radio forum comprised commentaries by the three representatives of the chemical industry and responses by them to questions by Neal Dow Becker, president of the association, who served as moderator.

72d—OPD—Year

Paint Credit Group Elects Knappen President

Paul Knappen, credit manager of the White Lead Division of the New York City branch of the Eagle-Picher Sales Company, has been elected president of the Paint and Allied Industries Credit Association. Other officers elected were:—

First vice-president, Jerome A. Monasch, of Lehman Bros., Inc.; second vice-president, William T. Stewart, of Benjamin Moore & Co., and treasurer, William Rohs, of Colonial Works.

72d—OPD—Year

Wishnick-Tumpeer Chicago Telephone Number Changed

In order to increase the Chicago telephone facilities of Wishnick-Tumpeer, Inc., and Pioneer Asphalt Company in wartime, it has been necessary to change the telephone number. The new number, for both companies, is Whitehall 5900.

72d—OPD—Year

Bennett Grandfather Again

Steve Bennett of the Bennett Manufacturing Company, steel pails and barrels, manufacturer, has just become a "grandfather" again. His son-in-law, who is a director of the company, and is now Lt. Gifford in the Ordnance Department at Hope, Ark., has just advised him of the arrival of a 6½ pound baby boy.

72d—OPD—Year

Container Co. Merged With Continental Can

Merger of the Container Company, Van Wert, O., with the Continental Can Company, this city, has been effected. C. E. Eggers is vice-president of the company, and L. L. Morris is secretary. The Container Company moved to Van Wert from Toledo, O., in 1928.

KELLIN

Although on the market less than two years, Kellin has made history. And Spencer Kellogg are proud of the fact that the verdict of the trade surpasses by far the boldest expectations of the pure research results.

Kellin has proven to be a mighty valuable asset, successfully replacing China Wood, Perilla, Dehydrated Castor, ordinary Linseed and other drying oils. *It is not a substitute* for these oils but a new product, possessing such a variety of potential qualities as to make it easily adaptable for almost all purposes formerly served by the above oils.

These are conservative statements, which now have been amply borne out by mass application in a critical industry. Spencer Kellogg strongly recommends Kellin to those who have not tested it.

It will solve many of their problems.

SPENCER KELLOGG and SONS, Inc.

Buffalo, New York

"The First Name in Vegetable Oils"

Oils, Fats, and Waxes

Crude and Refined Cottonseed Oil Firm — Futures Dull Here —Southern Offerings Continue Light — Linseed Oil Firm Though Quiet—Red Oil and Stearic Acid Strong

A firm tone continued to feature the market for miscellaneous vegetable, animal and fish oils, fats and greases last week despite the absence of any improvement in trade. Inquiries were received rather numerously in the case of some vegetable products but the lack of adequate supplies kept actual sales down to small proportions. In some quarters activity was apparently limited to shipments on contracts previously placed.

There seemed to be little likelihood of any material increase in open market supplies in the near future despite the increased crush of oilseeds noted in recent weeks. Representatives of the vegetable oil industry were reported to be in Washington seeking an increase in official supply quotas, the recent amendment to order M-71 having placed refiners and blenders in a decidedly unfavorable position as regards the filling of current and future contracts.

According to an official report, about 60,000,000 bushels of the last soybean crop had reached processors on January 1, this year. On that date not far from 100,000,000 bushels remained on farms of which about 17,000,000 bushels will be used for seed and feed.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
191.9	191.9	191.7	185.6

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—Remains under complete priority and allocation control. Market firm at recently prevailing level.

Castor, Dehydrated.—Continues firm with basic material. Inquiry fairly active. Little available on spot.

Chinawood.—Reports of occasional sales of small lots at previous prices. Estimated Argentina may have 2,000,000 pounds available for export this season.

Cottonseed.—Edible oil quotations stationary, largely nominal. Little available on spot. Numerous inquiries.

Olive.—Quiet and firm at recently advanced quotations. Supplies small, domestic and imported. Loans of $3.75 per gallon for bulk olive oil of acceptable quality will be made by the government to crushers who pay California olive growers a minimum of $127 per ton for Mission variety and $117 per ton for Manzanillo, delivered at crushing plant. The California olive crop this year is put at approximately 58,000 tons. Between 65 and 70 percent of the crop must be crushed for oil, an increase of about 25 percent over the previous season.

Peanut.—Crude firm at ceiling prices in all sections. Offerings light. Refined quiet and nominal here.

Perilla.—Quotations stationary, and supplies small. Occasional inquiries noted.

Soybean.—Ceiling prices still the rule at production points. Offerings light, all markets. The quantity of soybeans on farms January 1 was officially estimated at 99,046,000 bushels, of which an estimated 16,937,000 bushels will remain for feed and seed on farms where grown; about 60,000,000 bushels of the 1942 crop had reached processors on January 1, 1943.

Markets at Other Centers

Chicago—January 22

Vegetable oils fairly active. Corn, crude, mills, January-forward, 12¾c. per pound; refined, edible, 15¼c. Soybean, 11¾c. per pound.

The market for soybeans on the Chicago Board of Trade was quiet. Following is a soybean price record, per bushel, for the week:—

	High	Low	Closing Jan. 22	Closing Jan. 15
May	$2.85¼	$1.83	$1.83½	$1.83¾

San Francisco—January 20

Edible vegetable oils in active request; supplies small. Chinawood nominal at 38c. per pound, tankcars. Coconut was quoted 8c. per pound for crude grade, in tankcars. Cottonseed, bleachable, quoted 14.15c. per pound in tankcars, f.o.b. San Francisco Bay area. Oiticica, liquid, quoted 26c. per pound in drums, f.o.b. San Francisco. Mustard seed sales at 14c. per pound, tankcars. Sesame quoted 15c. per pound, tankcars, f.o.b. San Francisco. Soybean, crude, 12.65c. per pound in tankcars, delivered here from Eastern mills. Local oil when available, 12.5c.

Linseed Oil

The market here for linseed oil was a rather quiet affair last week so far as the volume of new business closed was concerned, although an increase was noted in some quarters in the movement to consumers and dealers on contracts previously placed. The tone of the market remained firm, and in some circles sentiment regarding the outlook continued bullish. The changes in seed prices were narrower than in recent preceding weeks, but the undertone of the markets in the Northwest was regarded as firm. Although consumption in some fields has diminished in recent months, present and prospective requirements in other lines are apparently large. The government announced the recent purchase of 24,247,750 pounds of linseed oil at prices ranging from .1190 cents to .1315 cents per pound in tankcars.

Minneapolis, Jan. 22.—Except for some government interest in lend-lease supplies, the local linseed oil market shows hardly a sign of life. Shipping instructions fair. Quotations, tankcar, 12.8c.; cooperage, car lots, 13.7c. per pound; warehouse lots, 14.1c. per pound, f.o.b. Minneapolis.

Shipments of oil in pounds were as follows:—

	1942	1941
This week	5,580,000	4,914,000
Since Sept. 1	91,060,000	82,724,000

San Francisco, Jan. 20.—Linseed oil quiet. Tankcars, 13.1c. per pound; drum car lots, ex mill, 13.7c.; drum lots, ex warehouse, 14.1c.

Chicago, Jan. 22.—Inquiry for linseed oil is fair. Ruling prices are:—Tankcar, 12.8c. per pound; drums, car lots, 13.7c.; drums, less car lots, 14.1c.

London, Jan. 22.—Linseed oil, 46s. 6d. per cwt.

Linseed Meal.—Market still bare of supplies and situation quiet and nominal.

Minneapolis, Jan. 22.—No life or action in the meal market as yet. The trade is waiting on the results of the Chicago meeting between meal and government representatives and are expecting enough improvement in the ceiling level to permit of some trade, possibly $40 to $45 per ton. Shipping instructions good and all meal is moving the minute it is available.

Shipments of meal in pounds were as follows:—

	1942	1941
This week	14,400,000	11,420,000
Since Sept. 1	218,700,000	188,642,000

Flaxseed

Flaxseed prices were irregular within narrow limits. Marketing in Northwest checked by bad weather.

Minneapolis, Jan. 22.—Severe Winter weather brought marketing of flaxseed in the Northwest almost to a standstill. Cash demand active; market strong compared with futures. Seed houses buying the very few cars that are acceptable, indicating competition for best quality crushing seed a little later. Oil

Current prices on animal, vegetable, and fish oils (under Oil), fats and greases (under Grease) are given in the alphabetical list of prices beginning on page 9

TALL OIL

Prime crude, saponifiable
drum lots or C/L
Prompt shipment from stock

A. J. RIMBERG CO.
117 Liberty Street New York

STEARIC ACID

Single Pressed and Double Pressed

Available in either cake or flake form

Triple Pressed
IVORY BRAND

OPD—1-25-1943

STEARIC ACID
OLEIC ACID
(Red Oil)
DISTILLED
FATTY ACIDS
Animal
and
Vegetable
RUFATS
(Hydrogenated Fatty Acids)

WILSON & CO. INC.
WILSON-MARTIN DIV.
SNYDER AND SWANSON ST.
PHILADELPHIA, PA.

RED OIL
(OLEIC ACID)

RUBY OLEINE
BRAND (*distilled*)
STAR BRAND
(*saponified*)
CANARY BRAND
(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)

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STEARIC and OLEIC ACIDS

All Grades Saponified and Distilled
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SPECIAL FATTY ACID DERIVATIVES
Since 1840
EMERY INDUSTRIES, INC.
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MALMSTROM · NIMCO BRAND · LANOLIN

America's No. 1 Choice Because It's 5 WAYS BETTER

1. LOWEST *ODOR* VOLUME
2. GREATER *UNIFORMITY*
3. BETTER *COLOR* QUALITY
4. SMOOTHER *TEXTURE*
5. FINER *BODY* CONSISTENCY

Malmstrom's Nimco Brand Lanolin, *America's No. 1 Lanolin,* offers the user the advantage of positive uniformity. It's an extra quality feature that you'll find costs you nothing extra. Send for a free testing sample or order a quantity sufficient for testing on a commercial basis.

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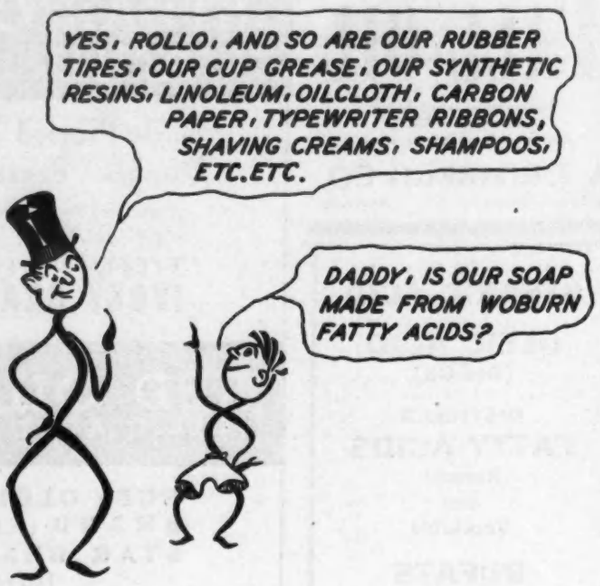
STOCKS CARRIED IN CLEVELAND • CHICAGO • KANSAS CITY • MINNEAPOLIS • LOS ANGELES

OPD—1-25-1943


YES, ROLLO, AND SO ARE OUR RUBBER TIRES, OUR CUP GREASE, OUR SYNTHETIC RESINS, LINOLEUM, OILCLOTH, CARBON PAPER, TYPEWRITER RIBBONS, SHAVING CREAMS, SHAMPOOS, ETC. ETC.
DADDY, IS OUR SOAP MADE FROM WOBURN FATTY ACIDS?

OF COURSE THIS IS CARRYING THINGS PRETTY FAR! We realize that the consuming public actually knows very little about whose Oil and Fat Chemicals go into their products. *But within the industry* EVERY ONE ***DOES*** KNOW ABOUT ***WOBURN*** FATTY ACIDS, for they are a recognized standard in quality, price and performance.

The same is true of our SYNTHETIC DRYING OILS (Isoline*, Conjulin† and Conjusoy†), our TECHNICAL NAPHTHAS, our AGRICULTURAL INSECTICIDES (Spra-Kast) and our FLOTATION REAGENTS.

The biggest name in the industry is

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DEGREASING CO. OF N. J. Harrison, N. J.

* Patented. Reg. U. S. Pat. Off. † Trade Mark. Pat. Applied For

mills operating at capacity, and seed stocks shrinking more rapidly. Trading in flaxseed futures quiet.

The week's closing flaxseed price range was as follows:—

	Cash	May	July
Saturday	$2.77	$2.69	$2.70¼
Monday	2.76	2.68	2.69
Tuesday	2.76	2.68	2.69½
Wednesday	2.76	2.68	2.69½
Thursday	2.77¾	2.68¾	2.69¾
Friday	2.78½	2.69½	2.71

Crop movement in bushels follow:—

	Receipts		Shipments	
	1942	1941	1942	1941
This week	130,500	347,200	81,500	99,400
Since Sept. 1.	14,388,000	7,326,800	1,513,800	1,332,073

Buenos Aires, Jan. 22.—Flaxseed, $1.19¼ per bushel.

Hull, Jan. 22.—Flaxseed, Calcutta, £26 per ton; Bombay, £28.

Cottonseed Oil

No new features developed in the local refined cottonseed oil situation last week. Trading in futures remained at a standstill in the absence of offerings. Southern markets for crude oil continued firm, ceiling prices prevailing in all sections. Few transactions were reported, but this was apparently due to a lack of offerings rather than to an absence of buying interest, bids being reported as rather numerous.

A good inquiry was noted for cash refined oil, but sellers were scarce. Vegetable oils which compete with cottonseed oil continued firm. There was no increase in offerings although production is said to have increased in recent weeks. According to an official report, early season congestion in the marketing and crushing of soybeans has been relieved.

Marketing of hogs in the West showed some decrease, this apparently being traceable to severe Winter weather. The Chicago hog market displayed firmness. The weight of the hogs received there during the week ended January 16 averaged 246 pounds.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from January 18 to January 22, inclusive, comprised nil contracts. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
March	....	....	13.93 bid
May	....	....	14.45 bid

Cash, 13.90c.
Crude, Southeast, 12¾c.

Hull, Jan. 22.—Cottonseed oil, refined, 49s. per cwt.; crude, Egyptian, 39s., 7½d.

Cake and Meal.—Offerings remained light in all sections and prevailing tone firm.

Markets at Other Centers

Memphis—January 22

Some light scattered sales of crude cottonseed and soybean oil. Offerings continue light. All buyers bidding ceiling prices. Cottonseed and soybean meal in keen demand at ceiling. Mills mostly shipping against old sales. New offerings very light. Closing cottonseed meal quotations on Memphis exchange were as follows:—

	Jan. 14	Jan. 21
January	$39.00@—	$39.00@—
March	39.00@—	39.00@—
May	38.75@—	38.75@—

Fatty Acids

A firm tone continued to prevail in the local market for fatty acids. Raw materials were generally firm and in some cases difficult to obtain in adequate volume. Increased buying interest was noted in some quarters. Red oil and stearic were available locally at previous prices, but quotations were reported to have been advanced by some Western sellers and the tendency here was upward.

Chicago—Jan. 22

Trade in fatty acids is moderate to rather good. Corn oil, double distilled, tanks, 14c. to 14½c. per pound; drums, car lots, 14½c. to 15c.; drums, less car lots, 15c. to 15½c.; cottonseed oil, double distilled, 14c. to 14½c. per pound, tank-car; 14½c. to 15c., drums, car lots; settled cottonseed soap stock, 60-62 percent basis, 3⅞c. to 4c.

Procter & Gamble Denies Trade Secrets Theft

Boston, Jan. 20, 1943.

The Procter & Gamble Company, Ivorydale, Ohio, denied in Federal court here the charge that it has used the mails illegally in a scheme to steal soap-making trade secrets, formulas, and production data. Charles Sawyer, attorney for Procter & Gamble, said no officer or director of the company authorized or had any knowledge of the alleged conspiracy to obtain confidential information about the products of the Lever Brothers Company of Cambridge.

A patent suit between the two concerns was nearing a close in Baltimore, Mr. Sawyer said, and he believed that the present criminal charge more properly could have been made a part of the civil litigation. Before the trial started four former Lever Brothers employees, who were named in the indictment, pleaded guilty. They were Michael F. Toner, Harold R. Gunn, and Edward J. Johnson, all of Cambridge, and Ralph E. Cote of Somerville. Disposition was postponed until the trial's end.

Fish Oils

Menhaden.—Consumers of refined oil interested merely in small lots for prompt shipment. Occasional inquiries noted. Quotations maintained.

Sardine.—Firm position of crude oil on Coast reflected in refined situation here. Purchasing limited to small lots.

Markets at Other Centers

San Francisco—Jan. 20

Production of sardine oil for the remainder of this season will be reduced to a mere trickle following an edict last week of the WPB directing fish processors to place into edible pack everything but offal and scrap. Oil holds steadily to the ceiling of 66.75c. per gallon in tankcars, but apparently there are no sellers. For the week ending January 14, 23,726 tons of fish were accounted for.

Baltimore—Jan. 20

Scattered sales of crude menhaden oil recently at 8.8c. per pound, the ceiling for tankcars. Production continues very small and much below last season.

Fats and Greases

Greose.—Supplies remain light on spot and few transactions reported though inquiries still rather numerous. Market firm at ceiling prices.

Tallow.—Remains in the same firm position noted in recent preceding weeks. Quotations held at ceiling. Output moving largely on unfilled contracts, and supplies available for prompt delivery still scarce.

Chicago, Jan. 22.—Choice white grease, 8⅞c. per pound; oleo stearin, 10.61c. per pound; inedible tallow, prime, 8⅝c.

Animal Oils

Degras.—Inquiry somewhat more active. Supplies generally light, crude and neutral. Market firm.

Lard.—Steady movement of all grades on unfilled contracts. New business quieter. Quotations maintained.

Neatsfoot.—Firm tone continued to prevail. Inquiry fairly active. Supplies of some grades still scarce.

Chicago, Jan. 22.—Lard oil, No. 1 14½c. per pound; oleo stearin, 10.61c. per pound; inedible tallow, prime, 8⅝c.

THE BRODÉ CORPORATION
MEMPHIS, TENNESSEE

Domestic and Export
PRODUCTS OF COTTONSEED PEANUTS and SOY BEANS
Members—Memphis Merchants Exchange (Futures in Cottonseed Meal) New York Produce Exchange (Futures in Cottonseed Oil)
Codes: Yoppa, Robinsons, Bentleys ABC, 5th Edition Peerless

Stearic Acid Oleic Acid Fatty Acids
(RED OIL)
A. GROSS & CO., 295 Madison Avenue, New York, N. Y.
ESTABLISHED 1837 ASHLAND 4-8251
FACTORY: NEWARK, N. J. CABLE: GROSSRAY

Waxes

Between 1,300,000 and 1,400,000 pounds of carnauba wax are at the bottom of the Atlantic ocean. This wax was bought months ago, had been sold heavily on a to arrive basis, and its loss by enemy action leaves a large number of manufacturing consumers definitely "out on a limb".

It will be recalled that the previous report carried news of price advances ranging from 6c. to 7c. per pound in Brazil. The consensus then was that Brazil was advancing because the crop was short. But it is now clear that the advances were the result of the sinking of the above ship with its 650 to 700 tons of wax; Brazil had news of the loss long before it reached this market.

To complicate the situation, the wax recently arrived in this port is still in the ship's hold and loaded at the bottom of the cargo, at least below a cargo of castor beans. This wax had been bought last July, reached here around January 10, and is still unloaded.

The market here is practically clear of all carnauba wax and there is every reason to expect that it will be at least weeks on end before more arrives here. Meanwhile, the wax cannot be bought in Brazil now—even provided WPB issues licenses to cover the lost wax—at anything like July prices.

72d—OPD—Year

N.Y. Produce Exchange Golf Ass'n Elects Officers

At a meeting of the New York Produce Exchange Golf Association held January 20 at the New York Produce Exchange Luncheon Club, Chester C. Hayes presiding, the following officers were elected:—

President, Thomas J. Stevenson; vice-presidents, C. C. Dunaif, H. C. Halsted, C. C. Hayes, J. R. Kaiser, B. V. McKinney, A. H. Merry, H. Reid, C. I. Rini, R. F. Straub and W. L. Wieland; secretary and treasurer, J. P. Reid.

72d—OPD—Year

N.Y. Oil Trades Holds Annual Dinner

The Oil Trades Association of New York held its quarterly meeting January 19 in the Waldorf-Astoria hotel. The attendance was large, members of all branches of the trade being present with numerous guests. Dinner was served at 7:45 p.m.

72d—OPD—Year

Phila. Oil Trade to Dine

The Oil Trade Association of Philadelphia will hold their thirtieth annual dinner January 26, in the Bellevue-Stratford hotel, Philadelphia.

72d—OPD—Year

Quinine Pool to Be Gathered By Pharmaceutical Ass'n

The War Production Board, the Defense Supplies Corporation, and the American Pharmaceutical Association are appealing to the retail pharmacists and hospital pharmacists of the country to contribute their stocks of quinine and other cinchona alkaloids for the use of the armed forces.

On the recommendation of Donald Nelson, chairman of the War Production Board, Jesse Jones, Secretary of Commerce, has appointed the American Pharmaceutical Association as the agent of the government to collect the contributed quinine in a national quinine pool which has been established under the sponsorship of WPB and DSC at the Association's headquarters in the American Institute of Pharmacy, 2215 Constitution avenue, Washington, D. C.

72d—OPD—Year

E. A. BROMUND COMPANY
—o—
Beeswax
Carnauba Wax
Ceresine Wax
Ozokerite Wax
—o—
258 BROADWAY, NEW YORK CITY
BArclay 7-8445 Est. 1880

A.M.A. Conviction Upheld by High Court

—Continued from page 3

acts, which exempts disputes concerning terms and conditions of employment from trust law prosecution. The court held, however, that "it seems plain enough that the Clayton and Norris-LaGuardia acts were not intended to immunize such a dispute as is presented in this case."

The decision was prepared by Justise Owen Roberts. Justices Frank Murphy and Robert Jackson did not participate.

The American Medical Association had been fined $2.500 and the District Medical Society $1,500 under an indictment which had been returned in 1938. Originally the indictments named 22 defendants, but the others were cleared at a jury trial before the District Court here.

The indictments, which were procured by the Justice Department, alleges five offenses. The two defendants were accused of restraining Group Health in furnishing, through monthly salaried full-time employee-doctors, medical care to its members and their dependents; restraining members of the Group Health Association in obtaining such medical care; restraining Group Health Association doctors; restraining other doctors in the pursuit of their calling, and finally restraining Washington hospitals.

The charges in effect were that the defendants kept doctors out of the Group Health Association or from consulting with Group Health Association doctors, and prevented Group Health Association doctors from obtaining hospital facilities here.

Justice Roberts, however, said the high court was not deciding whether a physician's practice of his profession constitutes trade under the Sherman act.

He said the decision was based on the finding that Group Health was operating in the sphere of business, even though it was a cooperative, and that there was a conspiracy to restrain and obstruct this business.

72d—OPD—Year

Scientists, Professional Persons Cataloged

More than 500,000 of the nation's scientists and professional men and women have now been cataloged by the National Roster Scientific and Specialized Personnel and over 140,000 names have been certified to agencies engaged in the war effort, according to a report released by the National Resources Planning Board. Through the roster various war agencies have not only received the names of thousands of individuals for full-time positions, but they have also obtained the services of many scientific leaders to serve as consultants for short periods of time. In cooperation with the Selective Service System, the roster is continuing the task of completing the registration of all men from 18 to 65 years of age who have scientific or professional training or experience.

72d—OPD—Year

Hercules Powder Gets 'E'

Hercules Powder Company's Parlin and Kenvil plants have been selected for the Army-Navy "E" production award.

AMCON
AMORPHOUS WAXES
Melting Points 100° F. to 200° F.
Penetration 2 to 180
COLORS:
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What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

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Four-hundred-forty-fourth Instalment

Rubber

Vulcanization Accelerators for Rubber

(*Continued from January 18 issue*)

Zinc aromatic thiazyl-mercaptide reaction products with (continued)—
(15) Di-isopropylamine
(16) Dimethylethylenediamine, symmetrical
(17) Di-N-propylamine
(18) N-Ethylbenzylamine
(19) Ethyl-N-butylamine
(20) N-Ethylcyclohexylamine
(21) Ethylenediamine
(22) Ethylpropylamine
(23) N-Ethyltetrahydroalphafurfurylamine
(24) Furfurylamine
(25) N-Heptylamine
(26) Hexahydrobenzylamine
(27) Hexahydrobetaphenethylamine
(28) Hexahydroorthoanisidin
(29) Hexahydroorthophenetidin
(30) Hexahydroorthotoluidin
(31) Hexahydroparaanisidin
(32) Hexahydroparaphenetidin
(33) Hexahydroparatoluidin
(34) Isobutylamine
(35) Methylamylaminecyclohexylamine
(36) N-Methylbenzylamine
(37) N-Methylbetaphenethylamine
(38) N-Methylcyclohexylamine
(39) N-Methylhexahydro-orthophenetidin
(40) N-Methylhexahydroparaphenetidin
(41) N-Methyltetrahydroalphafurfurylamine
(42 Morpholin
(43) Phenalkylamines
(44) Phenalkyl primary amines
(45) Piperidin
(46) N-Propyleneamine
(47) Pyrolidin
(48) Secondary saturated amines
(49) Tetrahydrofurfuryl primary amines
Zinc benzoselenazyl-2-mercaptide
Zinc benzothiazylmercaptides
Zinc-dibenzyldithiocarbamate-piperidin
Zinc dibutyldithiocarbamates
Zinc-dibutyldithiocarbamate-amylamine
Zinc-dibutyldithiocarbamate-ethylenediamine
Zinc dimethyldithiocarbamates
Zinc-dimethyldithiocarbamate-cyclohexylamine
Zinc-dimethyldithiocarbamate-dibutylethylenediamine
Zinc-dimethyldithiocarbamate-ethylenediamine monohydrate
Zinc-dimethyldithiocarbamate-tetrahydrofurfurylamine
Zinc lepidylquinolylsulphide
Zinc lepidylsulphide
Zinc quinolylsulphide
Zinc salts of dithiocarbamates
Zinc salts of dithiocarbamates as addition products with—
(1) Alicyclic amines
(2) N-Alkylalicyclic secondary amines
(3) Furfurylamine
(4) Phenolkylamines
(5)Primary amines
(6) Tetrahydrofurfurylamine
Zinc salt of 2-mercaptobenzoselenazole
Zinc salt of 1-mercapto-5-chlorobenzothiazole reaction products with—
(1) Alicyclic amines
(2) Aliphatic amines
(3) N-Alkylphenalkyl secondary amine
(4) Alphafurfurylamine
(5) Amyl primary amines
(6) Benzylamines
(7) Betafurfurylamine
(8) Betaphenethylamine
(9) N-Butylamine
(10) Decahydroalphanaphthylamine
(11) Decahydrobetanaphthylamine
(12) Dibutylethylenediamine, symmetrical
(13) Diethylamine
(14) Di-isobutylamine
(15) Di-isopropylamine
(16) Dimethylethylenediamine, symmetrical
(17) Di-N-propylamine
(18) N-Ethylbenzylamine
(19) Ethyl-N-butylamine
(20) N-Ethylcyclohexylamine
(21) Ethylenediamine
(22) Ethylpropylamine
(23) N-Ethyltetrahydroalphafurfurylamine
(24) Furfurylamine
(25) N-Heptylamine
(26) Hexahydrobenzylamine
(27) Hexahydrobetaphenethylamine
(28) Hexahydroorthoanisidin
(29) Hexadryoorthophenetidin
(30) Hexahydroorthotoluidin
(31) Hexahydroparaanisidin
(32) Hexahydroparaphenetidin
(33) Hexahydroparatoluidin
(34) Isobutylamine
(35) Methylamylaminecyclohexylamine
(36) N-Methylbenzylamine
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(38) N-Methylcyclohexylamine
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(40) N-Methylhexahydroparaphenetidin
(41) N-Methyltetrahydroalphafurfurylamine
(42) Morpholin
(43) Phenalkylamines
Zinc salt of 1-mercapto-5-chlorobenzothiazole reaction products with—
(44) Phenalkyl primary amines
(45) Piperidin
(46) N-Propyleneamine
(47) Pyrolidin
(48) Secondary saturated amines
(49) Tetrahydrofurfuryl primary amines
Zinc salt of 1-mercapto-3:5-dimethylbenzothiazole reaction produts with—
(1) Alicyclic amines
(2) Aliphatic amines
(3) N-Alkylphenalkyl secondary amine
(4) Alphafurfurylamine
(5) Amyl primary amines
(6) Benzylamines
(7) Betafurfurylamine
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(40) N-Methylhexahydroparaphenetidin
(41) N-Methyltetrahydroalphafurfurylamine
(42) Morpholin
(43) Phenalkylamines
(44) Phenalkyl primary amines
(45) Piperidin
(46) N-Propyleneamine
(47) Pyrolidin

(To be continued)

EYES THAT GUARD YOUR REPUTATION

The human element enters even into the production of fine chemicals—one of the most closely controlled operations in all industry.

On the accuracy with which this analytical chemist reads the color of his control sample, for example, may depend the purity of the next shipment of pharmaceuticals that goes into your finished product—and the continued high reputation of your products.

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ACETOPHENETIDIN, U. S. P.

Mol. Wt. 179.11

Specifications: White crystals or crystalline powder; solubility in ethyl alcohol 95% (1:15), complete; m.p. 135.0° C. min.; ash 0.05% max. No crystals retained on 14 mesh screen; 5% powder retained on 100 mesh.

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Acetophenetidin U. S. P.
Acetyl Salicylic Acid (Aspirin)
Benzoic Acid U. S. P.
Caffeine U. S. P.
Dicalcium Phosphate
Chloral Hydrate U. S. P.
Chloramine-T U. S. P.
Glycerophosphates
Magnesium Phosphates
Methyl Salicylate U. S. P.
Phenol U. S. P.
Phenolphthalein U. S. P.
Phosphoric Acid
Potassium Ammonium Phosphate
Potassium Phosphate
Saccharin U. S. P.
Salicylates
Salol U. S. P.
Sodium Benzoate U. S. P.
Sulfanilamide U. S. P.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

Drugs and Fine Chemicals

Caffeine, Saccharin and Theobromine Ceilings Within a Month, Says OPA — Government Buys Milk Powder and Fish Liver Oils Heavily — Bismuth Metal Allocated

In a week lacking in new price developments among producers of drugs and fine chemicals, the War Production Board, the Office of Price Administration, and the Food Distribution Administration supplied considerable activity. The fundamentals of the market were little different than they had been so far as buying and selling went. The demand held to high levels, and values for the most part remained stabilized under either specific dollars and cents ceilings or by the General Maximum Price Regulation.

WPB issued Conservation Order M-276 by the terms of which bismuth metal goes under complete allocation on February 1, this in the interest of assuring enough bismuth metal for war needs that become increasingly urgent. The cooling and melting point properties of bismuth metal make it indispensable for some war purposes.

The Office of Price Administration in January ordered that established differentials from tankcar prices on blackstrap molasses must be maintained on sales in less than tankcar lots. Details elsewhere.

Purchases of milk powder and fish liver oils by the Food Distribution Administration bulked heavy in the first half of January. Milk powder, all kinds, was bought to the extent of 3,571,453 pounds; codliver oil, 13,505 gallons; shark liver oils, 4,012,486,000,-000 units.

Finally, conferences held here between OPA officials and producers, primary jobbers, and resellers re a proposed dollars-and-cents price ceiling on caffeine, saccharin, and theobromine developed no marked cleavage, and OPA said that ceilings would probably be set within a month.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
240.1	240.1	240.1	240.6

Market news that may have developed after this report was sent to press will be found on page 4.

Acetanilide. — Well maintained in price and demand. Little surplus material on the spot, first or second-hands.

Acetone.—Consumption running to high figures. Market strength pronounced.

Acetophenetidin. — Seasonal consumption running to excellent totals. Firm.

Acid, Acetylsalicylic. — No change. High demand. Excellent production. No surplus supply. Strong undertones. Raw material supply not excessive.

Acid, Ascorbic.—Demand unchangingly heavy. Takes production totally.

Acid, Benzoic.—In limted supply. Demand well up to production.

Acid, Boric.—Movement into consumption maintained at recent volume. Firm.

Acid, Cacodylic. — Confirmed and reported firm at $22 per pound. Fair stock.

Acid, Camphoric.—In moderate reserve. No surplus. Moderate demand.

Acid, Citric.—Situation very serious. Intended rise in blood bank of citrated plasma will increase call.

Acid, Gallic.—Supply situation remains tight. Cannot improve much until way is found to get Near East raw material in larger quantities.

Acid, Nicotinic. — Volume fully abreast of movement for long time past. Outlook definitely on side of larger and larger requirements.

Acid, Phosphoric.—Fully stabilized prices. Demand excellent.

Acid, Tannic.—Increase in stocks depends on increasing available stocks of raw materials.

Acid, Tartaric.—Political mess in North Africa plus confinement of available space on returning ships makes early despatch of North African raw material definitely problematical. Reported ships coming back in ballast.

Adepslanae. — Very firm under price ceiling and moving well for account of practically all users.

Agar.—The unsold reserve available for civilian needs reported moderate. Substantial quantities domestic production reserved for government.

Alcohol.—With new plants in sight; and whisky distilleries working 100 percent on alcohol production; and regular industrial alcohol plants operating at total capacity, the need for additional production looms as government raises its sights to meet enlarging war-program requirements.

Aloin.—Raw material advanced in Curacao. Present price for aloin is top price under the OMPR ceiling limits of last March. Cost of production to advance as higher price aloes come in.

Ammonia Benzoate. — Production curbed by inability to increase available supplies of raw material. Undertone of market remains very firm. Demand steady.

Ammonia Citrate. — Outlook for maintaining current volume of deliveries not good. Depends on government not increasing takings of citric acid.

Bismuth Metal and Salts.—War Production Board puts metal under complete allocation, effective February 1. Effective order issued January 19, being Conservation Order M-276. Necessary because of rapidly expanding military consumption. Metal has the two properties of expanding when cooling, and low melting point. Substitutes hard to find. Details elsewhere.

Caffeine.—Meeting between producers-primary jobbers and OPA officials led to no definite action in form of order establishing ceiling. Likely to be issued some time within a month. Makers utilizing raw materials productive of a higher than normal production cost move for special ceiling on such goods.

Castor Oil.—Ship with Brazilian cargo sunk at sea. Not clear that submarine victim carried castor beans. Other ships bringing carnauba wax have usually brought beans too. Beans aboard the lost ship would mean further crisis in supplies for castor oil makers.

Chicago, Jan. 20.—Castor oil demand still good. Trade continues burdened with restrictions which some quarters report are tending to discourage some buyers. Prices are:—Cold pressed U.S.P., 14½c. per pound, returnable drums, car lots; 15¼c., drums, less than car lots; 12¾c., tanks; No. 3, extracted, 14½c. per pound, returnable drums, car lots, 15c., drums, less than car lots; 13½c., tanks.

Codliver Oil.—Food distribution Administration buying. Report as of January 15 indicates purchase of total of 13,505 gallons at prices noted at $2.25, $2.40 and $2.50 per gallon, depending on seller and potency of oil bought.

Emetine.—Normal supplies report very low stocks. One producer holds fair supply for own customers. Difficulty is with raw material which is now on list 3 of import control order M-63.

Ephedrine. — Seasonal conditions raise consumption of synthetic material. Creates very firm situation.

Fish Liver Oils.—Food Distribution Administration buys more fish liver oils. Reported as of January 15 show

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 9

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Manufacturers of

GLYCERYL MONO STEARATE
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PROPYLENE GLYCOL MONO OLEATE
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For use as:
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CREAM OF TARTAR
PURE IMPORTED EDIBLE OLIVE OILS
OLIVE OIL FOOTS
RED OIL
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RAPESEED OIL
TEASEED OIL
SESAME SEED OIL
Specialists in Finest California Edible Olive Oil

NICOTINIC ACID DIETHYLAMIDE
Diacetyl Tannin USP XI (Tannyl Acetate)
Hexamethylene-tetramine-methyl-iodide
Colloidal Silver
Sodium Methylarsonate
HERMAN MEYER DRUG COMPANY, INC.
66-38 Clinton Ave. NEwtown 9-2110 Cable Sulfanyl Maspeth, N.Y.

SILMO
COD LIVER OIL • FISH LIVER OILS
VITAMIN A CONCENTRATES
VITAMIN A AND D CONCENTRATES
SILMO CHEMICAL CORPORATION
Laboratories and Main Offices - - - Vineland, N. J.

purchase of 4,012,486,000,000 units at prices ranging 15c. to 20c. per million units.

San Francisco, Jan. 20.—Fish liver oil market comparatively quiet aside from the rather continuous presence of the government in purchasing needed supplies. 100,000 unit A oil from shark livers named at 15c. per million units.

Glycerin.—Since late price roll-back on government purchases, operations have become routine and lacking in new features. Except that there is no sign of a falling off in requirements and larger needs seem likely to develop. Liaison between refiners and government working perfectly to the production of harmonious co-operation so far as industry is concerned at least.

Chicago, Jan. 20.—Tight market reported in glycerin. Undertone firm. Prices for both chemically pure and high gravity are: Tankcar, 18c. per pound; drums, car lots, 18¼c.; drums, less than car lots, 18¾c.

Menthol.—Practically nominal market so far as getting large quantities on prompt delivery basis goes. Reserves conservative. Cost to produce from domestic peppermint oil runs high. Synthetic production limited.

Mercurials.—Firm to strong in most categories. Moving in good volume out of conservatively sized stocks. Little change to raise output now.

Methanol.—Every sign and portent points to shortage of supply as compared with probable requirements this year. Output of synthetic contingent on need for ammonia—which runs high and even higher. Some chance exists to raise output of natural.

Milk Powder.—That Food Distribution Administration is in again. Buys huge quantities. Operations: skimmed milk powder, spray process, between January 12 and January 15 total bought, 3,511,453 pounds. Price, practically all at 14½c. per pound. A little at 14¾c. Whole milk powder, spray process, January 15, 60,000 pounds at 35c. per pound.

Milk Sugar.—Very scarce. Deliveries made on long prevailing prices.

Molasses.—On January 19, OPA said that established differentials from tankcar prices on each type of cane blackstrap and beet suger final molasses must be maintained for sales in less than tankcar lots.

Quicksilver.—Spot stocks remain conservative. Likely that all genuine needs are being met with fair promptness. No other type of orders considered. Production under wraps on Pacific Coast due to climatic conditions.

San Francisco, Jan. 20.—Sellers state demand for quicksilver being maintained. Most large producers keeping sold well ahead of production; some contracted through the first half of the year and beyond. Spots and nearby apparently available here at $192.50 in comparatively small lots.

Rice Bran.—The United States Pharmacopeia also called it Tikitiki. Concentrated tikitiki available at 79c. per pound, Georgia or California works.

Saccharin.—Producers, primary jobbers and OPA official met. Discuss coming dollars and cents price ceilings. Producers felt schedule should contain provision for large quantity purchases in small packages. Action probable within a month.

Santonin.—Movement gains slowly. Indications point toward active season in Spring months.

Seidlitz Mixture.—Somewhat larger inquiry noted among dealers. Producers' business about normal within recent limitations.

Silver Nitrate.—The schedule of silver nitrate prices since the last report in 250-ounce quantities—500 ounces would cost ¼c. less—together with comparative prices on silver bullion in New York and London, was as follows:—

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¾	23⅛
Monday	32⅝	44¾	23⅛
Tuesday	32⅝	44¾	23⅛
Wednesday	32⅝	44¾	23⅛
Thursday	32⅝	44¾	23⅛
Friday	32⅝	44¾	23⅛

Theobromine.—Official OPA dollar and cents price ceiling likely to become effective within a month. Little objection to proposed schedule developed between trade and OPA at meeting last week.

Soda Cacodylate.—Fully stabilized and confirmed as available at $17 per pound. Fair supplies.

Soda Citrate.—Producers might be forced further to reduce quantities delivered to consumers. Citric acid gets constantly tighter with government needs running large.

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AND
HYDROCHLORIDE
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• TESTED	Potencies are determined here and fully guaranteed
• PALATABLE	careful attention is given to this essential feature

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Nikethamide
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Sulfanilamide U.S.P.
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Pharmaceutical Department
CALCO CHEMICAL DIVISION
AMERICAN CYANAMID COMPANY
BOUND BROOK Calco NEW JERSEY

Retail Drug Buying Syndicates Urged

—Continued from page 3

said, because the preservation of independent retail distribution is equally as important, over the long pull, as the control of inflation.

Attacking the continued squeezing of retail profit margins in the administration of the price control act, Mr. Jones charged the Office of Price Administration with completely ignoring the spirit and letter of the law that its enforcement shall not be in such a manner as to compel changes in business practices, cost practices, or methods or means or aids to distribution established in any industry.

72d—OPD—Year

Alcohol Drawback Tax Clarified

—Continued from page 3

tributed among members of the ADMA by Mr. Frailey, he said he intends to point out that on the basis of the understanding with Mr. Berkshire the bureau will accept claims for drawback on alcohol in medicinal products, if such claims are supported by a record of sales of the total quantity of each size of each product involved on the basis of "first in-first out" inventory records. In other words the "first in-first out" basis is to be applied to the total stock of medicinal alcoholic products at branch houses and the home office.

A detailed statement giving the name of each customer to whom products were sold will not be required as part of the claim for drawback, it was pointed out, but such records must be retained by the manufacturer for a period of three years for inspection by the bureau should it find it necessary to make an inspection of the record of the purchasers. Copies of ordinary commercial invoices will be sufficient for the bureau's requirements.

When the first claim for drawback is filed, each manufacturer must submit a qualitative and quantitative formula for each product on which claim for drawback is made, except in the case of USP and NF preparations. Labels bearing the qualitative and quantitative formula will suffice as evidence, although samples may be required in some instances, Mr. Frailey explained. The manufacturer's claim should also include the quantity of alcohol stated on the label plus the additional quantity lost in the process of manufacture.

As to products in which no alcohol remains in the finished article, such as hypodermic tablets, biologicals, etc., the quantity of alcohol used under usual manufacturing procedure is eligible for drawback.

For example, the quantity of alcohol used in the manufacture of 100,000 hypodermic tablets would be eligible for drawback in the proportion in which the tablets are sold in any quarter. The manufacturing record for each lot or product must indicate, at least:—(a) the quantity of alcohol used which is subject to drawback; (b) the quantity of alcohol used from 1942, as it is not subject to drawback. recovered lots on hand November 1,

72d—OPD—Year

Filtrol Corporation, Los Angeles, Calif., plans a $16,000 addition.

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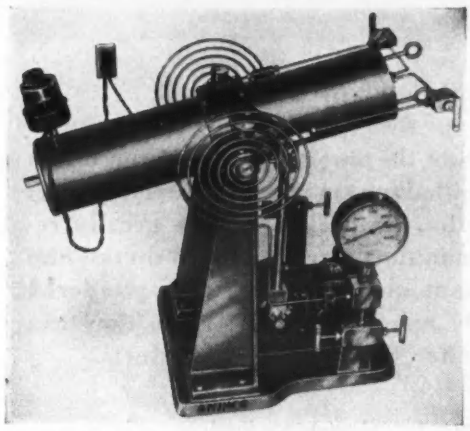

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Aconite Root Breaks Sharply—Bloodroot Higher—Eastern Valerian Down—Special Pyrethrum Price Schedule Set—Ipecac On List 3, M-63 Import Control Order

The slightly improved demand noted recently in the market for botanical drugs proved rather short lived. After a number of days during which sales volume rose considerably, manufacturing consumers' purchases slumped moderately and during the past week the market was definitely quiet.

A survey made in the field of manufacturing consumers seemed to show that the tendency was to use current inventories to cover current needs, this to the neglect of buying now for replacement. Said inventories are believed to be substantial enough to permit consumers to pursue their present policy for at least two months. Hence, by the normal trend of events, business should show marked improvement with the advent of Spring.

The most important action taken by the Office of Price Administration during the period under review was to setup a schedule of prices to prevail on pyrethrum sold under the direct orders of the War Production Board. First reports indicated that the order was not retroactive and hence will not affect sales already made for later deliveries. It was also understood that when not sold under directives from WPB, the present values would govern. The only other action reported taken by a government body was the addition of ipecac root to the import control order M-63 at the instance of WPB. Ipecac was placed on list No. 3.

Spanish saffron was lower on the week. Also, aconite root and Eastern valerian. Blood root was higher. Also, St. John's bread and savory. These, among other changes of routine importance.

Balsams

Copaiba.—Quiet but very steady on spot. Firm at replacement point. Demand moderate but well maintained locally. Reserves fair.

Fir.—Very firm. Canadian balsam undergoing excellent consumption by optical instrument trade. Oregon balsam also doing well. Prices well maintained.

Bark

Barberry.—Stocks very small. Many lack supplies. Replacement not likely.

Cottonroot.—Seems to be enough to cover all probable requirements.

Condurango.—Stocks meeting demand well. Replacement poses difficult problem.

Soap.—Replacement may be eased since Chile has severed relations with the Axis nations.

Wahoo.—Seasonal demand supports prices. Little local competition.

White Pine.—Active and very firm. No shading of local quotations.

Wild Cherry.—Demand seasonal and in good volume at full prices.

Beans

Tonka.—Submarines on route from primary market to spot renders future landings highly uncertain. One ship with Brazilian goods lost recently.

Vanilla.—When prime quality beans are sold, local report says full ceiling prices prevail. Subquality beans sell under ceiling in proper differential with prime goods. Negotiations afoot to secure further quantities of Bourbon beans likely to succeed. Being conducted by vanilla bean importers' association and representatives of Great Britain.

Berries

Cubeb.—Quiet and reasonably competitive without further price drop.

Juniper.—The need is less than it was. The supply believed adequate to needs.

Flowers

Arnica.—Demand holds well. Prices firm to steady. Little competition.

Chamomile.—Ship losses at sea not known to involve chamomile from South America. But the sea route becomes more dangerous to shipping.

Elder.—Market inactive. Prices steady. Believed needs are covered.

Mullein.—Market inert as to price movement. Fair as to demand.

Pyrethrum.—Sales made at WPB order to be on basis of one set of prices. On another when made not at WPB direction. WPB orders covered by Amendment No. 92 to supplementary regulation No. 14 of General Maximum Price Regulation. Other sales controlled by ordinary GMPR price control—highest price of individual sellers in March, 1942. Details elsewhere.

Saffron.—Spanish flowers reduced again. Market, $31.50 to $32 per pound. Bids might be welcomed since trade remains light.

Price Changes

Advanced

Anise, Spanish, ½c. per lb.
Bloodroot, 3c. per lb.
Celery seed, Indian, ½c. per lb.
Cinnamon, Ceylon, 1c. per lb.
Clove, Zanzibar, ½c. per lb.
Mustard seed, Montana yellow, ¼c. per lb.
Paprika, Portuguese, extra fancy, ½c. per lb.
Sunflower seed, large, ½c. per lb.
medium, ½c. per lb.
poultry, ½c. per lb.
Sesame seed, Indian, natural, ¼c. per lb.
Savory, 2c. per lb.
St. John's bread, edible, 1c. per lb.

Reduced

Aconite root, 30c. per lb.
Anise, Syrian, 1½c. per lb.
Caraway seed, Morocco, 3c. per lb.
Oregano herb, Mexican, ½c. per lb.
Poppy seed, Turkish, ½c. per lb.
Rapeseed, domestic, dwarf Essex, ½c. per lb.
Sabadilla seed, powdered, 4c. per lb.
Saffron, Spanish, 50c. per lb.
Valerian root, Eastern, 5c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
259.7	259.9	259.9	327.8

Market news that may have developed after this report was sent to press will be found on page 4.

Gums

Arabic.—Broker reports transactions in excess of 300 tons. Bought over the range 14½c. to 14¾c. Activity believed to be along line of taking up surplus supplies. Market firmer between 14¾c. to 16c. per pound. Powder, 20c. to 29c.

Benzoin.—In low supply and close to actual scarcity. Many former importers buy supplies out of local stocks. Strong position.

Eucalyptus.—Not much available and hard to get more from source.

Karaya.—WPB has granted licenses for further importations from India.

Kino.—Australian kino reported offered. Spot market clear of stocks.

Tragacanth.—Holding very firm in all respects. Not much competition.

Herbs and Leaves

Belladonna.—Selling somewhat better and more frequently at full quoted prices. Much steadier undertones.

Horehound.—Activity more seasonal in character. Steady prices.

Oregano.—A small fraction cheaper at 15½c. to 16c. per pound for Mexican.

Peppermint.—Demand light and irregular. Prices firm and unchanged.

Sage.—Collection of new crop Californian leucophylla sage at least one

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 9

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√ BALSAM TOLU
√ BELLADONNA
√ BENZOIN GUM
√ BOLDO LEAVES
√ BUCHU
√ CELERY SEED
√ CHAMOMILES
√ CINCHONA BARK
√ COCILLANA
√ CORIANDER
√ CORN SILK
√ DANDELION
√ ERGOT
√ FENNEL SEED
√ FOENUGREEK
√ GENTIAN ROOT
√ GINGER
√ GUM ARABIC (all kinds)
√ HELLEBORE RT. White
√ HENBANE
√ HOREHOUND
√ IPECAC
√ IRISH MOSS
√ JUNIPER BERRIES
√ KOLA NUTS
√ LAUREL LEAVES
√ LAVENDER FLOWERS
√ MARJORAM
√ OLIBANUM GUM
√ ORANGE PEEL
√ PAPAIN
√ PEPPERMINT
√ PSYLLIUM SEED
√ QUINCE SEED
√ RHUBARB ROOT
√ ROSEMARY
√ SAGE
√ SARSAPARILLA
√ SENNA LEAVES & PODS
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CLOVES, Zanzibar
COCILLANA BARK
CORIANDER OIL AND SEED
CUMIN SEED
DANDELION ROOT
FENNEL SEED, Indian
FOENUGREEK SEED
GENTIAN ROOT
GINGER, Jamaica
GRAINS OF PARADISE
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HERBE MENTHE
HOREHOUND HERB
IRISH MOSS
JUNIPER BERRIES
LAUREL LEAVES
LAVENDER FLOWERS
MAHUANG, Chinese
MALEFERN ROOT
MARJORAM LEAVES
OAK MOSS
PEPPERMINT OIL
PIMENTO, Jamaica
PSYLLIUM SEED AND HUSKS
QUINCE SEED
RHUBARB ROOT
ROSEMARY LEAVES
SAGE LEAVES
SARSAPARILLA ROOT
SAVIN OIL
SAVORY
SENNA LEAVES AND PODS
SESAME SEED HULLED
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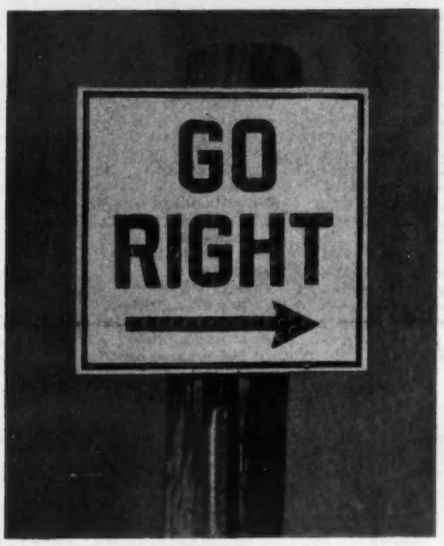

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month away. Crop maturing more slowly than normal.

Savory.—Slightly higher at 75c. to $1.75 per pound as to variety and seller.

Senna.—Activity up to recent volume. Prices very firm. Believed way to keep requirements covered will be found.

Scullcap.—Recently reported strength in Eastern herb maintained well.

Stramonium.—In fair reserve. No trend toward competitive selling at moment.

Thyme.—Quiet. Fair reserve. If needed, domestic production could be raised.

Uva Ursi.—Trend of war events may ease situation surrounding replacements.

Wormwood.—The domestic article failed to break this year. Still steady.

Miscellaneous

Agaric.—Supply exceeds demand. Yet values hold steady.

Cassia Fistula.—Somewhat softer. More competition. No goods coming from source.

Colocynth Pulp.—Fair, jobbing business. No quantity transactions.

Ergot.—Slow market. Minimum prices steady. Not being met in all quarters.

Kola Nuts.—Definitely firm, mainly because of replacement situation and cost at the sources of supply.

Irish Moss.—Firm prices accompany reasonably good supply.

Papain.—Better stocks create more competitive atmosphere.

St. John's Bread.—Edible fetching 35c. to 30c. per pound. Limited stocks of inedible at 20c. to 21c.

Roots

Aconite.—Smartly lower. Market $1.55 to $1.60 per pound with few takers. Sellers looking for more business.

Blood.—Higher in primary market means higher on spot at 35c. to 36c. per pound. Country strength substantial.

Belladonna.—Quiet at late decline. Tendency toward competition marked.

Cube.—Probable that every pound

—*Continued on page 63*

Pyrethrum Prices On WPB Orders Set

Continued from page 7

thrum flowers under War Production Board directive. The maximum price for the sale by an importer of imported pyrethrum flowers, sold to any purchaser in accordance with an order or directive of the Director of Industry Operations of the War Production Board, shall be the total landed costs of the pyrethrum flowers to the importer, plus any actual transportation costs incurred by the importer with respect to shipment of the pyrethrum flowers within the continental United States. This maximum price shall apply whether or not the seller normally sells pyrethrum flowers in the ordinary course of his business, but shall not apply to any sale which is not made in accordance with an order or directive of the Director of Industry Operations of the War Production Board.

(ii) Effect on other regulations. The provisions of this subparagraph (58) supersede the provisions of Revised Supplementary Regulation No. 12 and of Maximum Price Regulation No. 204 with respect to sales for which maximum prices are established by this subparagraph.

(iii) Definitions. For the purpose of this subparagraph (58):—

(a) "Total landed costs" means the sum of the price paid to or for the account of the foreign seller, plus all the costs, expenses and charges, including customs duties or entry fees, and dock charges, if any, incurred by the importer with respect to the shipment of the pyrethrum flowers from the point of shipment outside the continental United States to the point in the continental United States where delivery is made.

(b) "Importer" means any person who is the ultimate consignee in the United States of pyrethrum flowers entering into the continental United States.

(b) Effective date. * * *

(93) Amendment No. 92 (§ 1499.73 (a) (58)) to Supplementary Regulation No. 14 shall become effective January 26, 1943.

72d—OPD—Year

T.G.A. Convention Dates Now May 12-13

The Toilet Goods Association will hold its annual convention at the Waldorf-Astoria, this city, May 12 and 13. The meeting had previously been set for May 4 and 5.

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Essential Oils, Aromatic Chemicals

Eucalyptol Up Moderately—Eugenol Shaded—Orange Oil on Put On List 3 of M-63 Import Control Order — Government Buying Nutmeg Oil—Coumarin, Vanillin Ceiling Soon

Much of the interest current last week among the sellers of aromatic chemicals—and also essential oil dealers as resellers—centered in the tentative price schedules prepared by the Office of Price Administration to govern sales of coumarin, ethyl vanillin, and vanillin if and when promulgated by the Federal price control body. In the main, the proposed schedules met with little opposition at the meeting held here between OPA and sellers of those commodities. OPA intimated that official promulgation of dollars and cents price ceilings might be expected within a month. Details of the meeting elsewhere.

Eucalyptol was found to be slightly higher and eugenol slightly lower on the week. Methyl anthranilate proved to be in tight position with the producers and resellers reported doing business in substantial advance of the lowest of schedules named by the manufacturers.

The War Production Board placed orange oil on list 3 of the import control order M-63 and emphasized the fact that manufacturing consumers would find good supplies of domestic oil available should imports drop off as the result of import control. Also, the Food Distribution Administration indicated its desire to buy 300 pounds of nutmeg oil, later to be turned over to the Federal Surplus Supplies Corporation.

The majority of essential oils sold moderately at full prices throughout the period. Stocks remained conservative and normal replacement operations were out of the question for an indefinite period.

Essential Oils

Almond.—Reports of prices being higher on sweet oil were unconfirmed. Very steady prices with the majority of sellers holding for far higher than minimum spot quotations.

Angelica. — Small stocks strongly held under an absence of competition.

Apricot Kernel.—Some upward tendency noted. Firmer at source.

Anise.—Small stocks have narrow spot distribution. Strongly held.

Bay.—Position remains very firm. Replacement costs high because of transport charges.

Bois de Rose.—Rather quiet but very steady, here and in Brazil.

Cajeput. — Most dealers report stocks cleared. A few still offer small lots.

Cananga.—Rather more competition than of late noted. Few will shade prices.

Caraway.—Small stocks and smaller demand. Routine but very firm market.

Cassia.—A very little buying would totally exhaust spot supplies.

Citronella. — Goods still come through from Ceylon, though irregularly. Recent price advance not extended here.

Clove.—Lower at minimum of $1.65 per pound, spot delivery. Madagascar watched for signs of export through British sources.

Croton.—Very narrow consuming market but very steady spot prices the rule.

Dill.—Signs of activity regarding contracts for oil for much later delivery. Weed oil down to $5.75 to $6.25 per pound as to seller.

Eucalyptus.—Very firm because of transport difficulty and expense. Demand excellent. Supplied well.

Geranium.—No signs of British activity in movement of oil from Madagascar and Reunion. Could develop, as it has in other commodities.

Grapefruit.—Outlook good for further sales against lend-lease requirements.

Hemlock.—Not too plentiful but still meeting moderate demand of the moment.

Juniper Tar.—Quality material commanding good price. Very firm. Fair stocks.

Lemon.—Foreign competition negligible. Domestic producers get bulk of very good business. Production of some lemon-flavored products curbed.

Lime.—Still competitive in all but Jamaica oils. No further drop in prices.

Nutmeg.—Food Distribution Administration, Department of Agriculture, says it wants 100 pounds, this oil. Filing limit for offers January 23. Goods will go to Federal Surplus Commodities Corporation for disposal.

Orange.—This oil added to list 3 of imports control order M-63. This will place additional emphasis and responsibility on producers of domestic oils. Stocks plentiful on this market at present. West Indies islands, Mexico and Argentine have shipped here. Might curb exports from prolific production in North Africa.

Patchouli. — Firmer as demand creeps up moderately. No large stock surplus.

Peppermint.—Exceptionally quiet on the surface. Price control has had soporific influence on primary market price activity. Spot activity conservative. Prices now hold steady. Some shading recently.

Petitgrain.—Cables from source indicate very steady position there. All consumer requirements reaching spot met promptly.

Pimento.—Holding strong because of difficulty and problem of replacing present reserves. The cost runs high. Shipments uncertain.

Pineneedle. — Not much available here. Not much call. Undertones firm.

Rosemary.—Top quality oils very firm. Lower grades less so. More competition in latter material.

Sandalwood.—Definitely on firm side because of raw material cost and uncertainty of transport. Fair reserves protect consumers' needs.

Sassafras.—Not exceptionally active but still holding firm position.

Savory.—Small stocks exist. Prices practically nominal. Not much call.

Snakeroot.—Still limited quantities available at $12.75 per pound.

Spearmint.—Moderate activity sufficient to keep prices firm and in line with first costs.

Sweet Birch.—Very steady in country. Wide differences reported in quality of oil held by dealers.

Tansy.—Demand definitely on jobbing basis. Prices about steady.

Thyme.—Reserves in fair shape. Replacement possible, occasionally.

Vetiver.—Limited quantities only available. Never so wide a range in prices.

Wintergreen. — Quality ranges as wide as prices. Unadulterated goods hard to come by. Not more than jobbing request at moment.

Wormseed.—Steady to firmer in anticipation of more operations on lend-lease account and probable rise in Spring consumption here.

Wormwood.—Dull but very steady. Major users have good inventories.

Price Changes

Advanced

None

Reduced

Clove, 5c. per lb.
Dill, weed oil, 10c. per lb.
Eugenol, 10c. per lb.

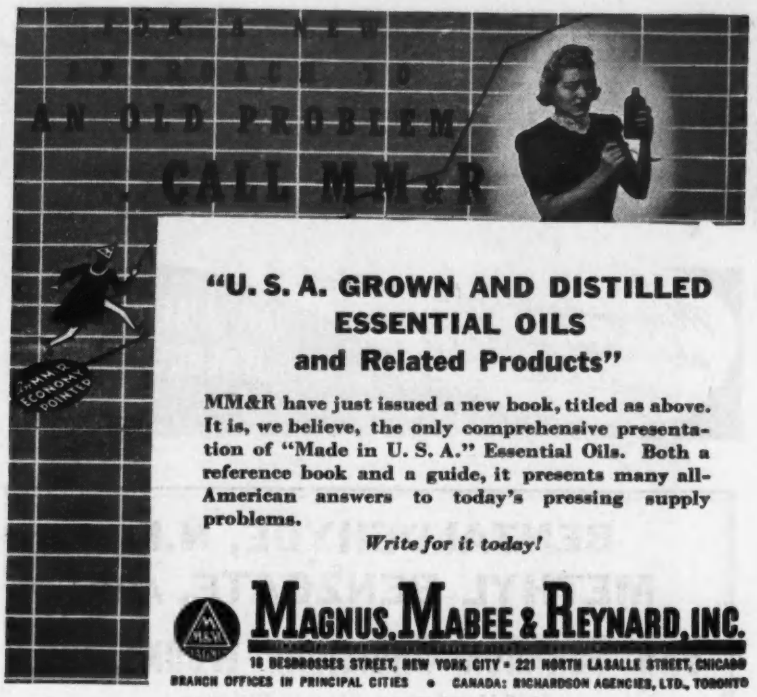
Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
246.4	246.5	255.7	278.0

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 9



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Ylang Ylang.—Madagascar watched for possible offerings of shipment goods through British sources. Other Madagascar products have been so offered.

Aromatic Chemicals

Amyl Acetate.—Perfumers' grade feting high as 50c. per pound often.

Amyl Salicylate.—Steady to firm, reflecting scarcity of raw material.

Anethol.—In moderate reserve. Virtually no competition.

Anisic Aldehyde.—More inquiry reveals fairly tight supply position.

Benzaldehyde.—Situation as to supply very tight. Production curbed by raw material insufficiencies.

Benzophenone.—Stocks short, most quarters. Not much call at moment.

Benzyl Cinnamate.—Supplies short. Raw material allocations do not permit expansion of output.

Benzyl Formate.—Output restricted by raw material situation.

Bromstyrol.—Most dealers report inability to offer anything prompt.

Cinnamic Alcohol.—Short supplies strongly held for full values.

Ethyl Acetate.—Perfumers' quality definitely very firm. Fair call.

Ethyl Vanillin.—OPA declares dollars and cents price ceiling—probably those published in the previous issue of the REPORTER—will likely be set officially within a month.

Eugenol.—One seller at $2.65 per pound. Practically all the balance of trade a unit at $2.75 per pound, minimum.

Hydroxycitronellal. — Minimum at $6.25 per pound. Much business on books of some producers at $7.50. Ceilings noted high as $8.50.

Linalool.—Spot prices range $6.75 to $8 per pound according to seller. None have much to sell.

Methyl Anthranilate.—Minimum of $2.20 quoted with little to offer at uncertain periods. High as $2.50 asked. Some minimum at $3.25 and $2.40.

Methyl Benzoate.—Quiet but exceptionally steady. Demand jobbing.

Methyl Salicylate.—Unchanged and subject to complete price stabilization. Drop in raw material prices did not affect salicylate schedule.

Musk.—Ambrette very scarce. Raw material insufficient to permit normal production schedules. Situation in ketone and xylol better than that in ambrette.

Phenyl Acetaldehyde. — Stabilized and subject to moderate, steady call.

Safrol.—Conservative stocks confirm prices to well maintained position.

Terpineol.—Not overly well stocked and very firm in all respects.

Vanillin.—Within a month, definite dollar and cents price ceiling expected to be announced, says OPA. Recent meeting with trade concerning tentative schedule published in the January 18 issue of the REPORTER brought requests that OPA recognize those compelled to pay a high cost of production.

72d—OPD—Year

Brown Confirmed As OPA Administrator

—Continued from page 3

istration of rationing programs, including those curtailing consumption of gasoline, fuel oil, food and other articles.

Mr. Brown said after his confirmation that he did not "fear" the job he was undertaking which President Roosevelt had described in a letter to Mr. Henderson as a "thankless task." Mr. Brown's statement added:—

"Price control and rationing are not impositions on the people but a protection to them. I intend to devote my entire time and energy to the task of preserving our domestic economy. I will consult with my superior and associates, with the consumers, producers and businessmen to get a full comprehension of the task and do my utmost to be just between the various interests to be served and to alleviate so far as I am able the hardships we all must suffer."

72d—OPD—Year

M.M.&R. to Tell Wartime Role of Essential Oils

Magnus, Mabee & Reynard, Inc., essential oils and aromatic chemicals, this city, will run the first in a new series of wartime messages portraying the role of the essential oil industry in the war effort in a two-color page ad in the February issue of *Fortune* magazine. The copy tells the story of how the dictatormade essential oil shortage is being licked.

Alcohol From Wheat And Stockpiles Discussed

—Continued from page 4

mately 4.6 proof gallons of alcohol per 56 pounds of whole wheat.

Aside from this higher yield, the report also discloses that granular wheat flour does not foam as much as does whole wheat grain in the manufacturing processes. In addition, there is a reduction in the waste material.

Experiments also have been made with wheat flour combined with corn, and with wheat flour combined with corn and whole wheat grain, it was reported. These combinations are considered especially adaptable in plants with already installed equipment for recovering stock feed.

A scarcity of gaugers is developing as a result of the manpower shortage and the fact that distilleries are operating 24 hours a day, members said. Gaugers have various inspection duties under the Alcohol Tax unit. The alcohol industry suggests that the government employ women for this type of work to ease the situation.

72d—OPD—Year

WPB Names Coonley Conservation Div. Head

—Continued from page 5

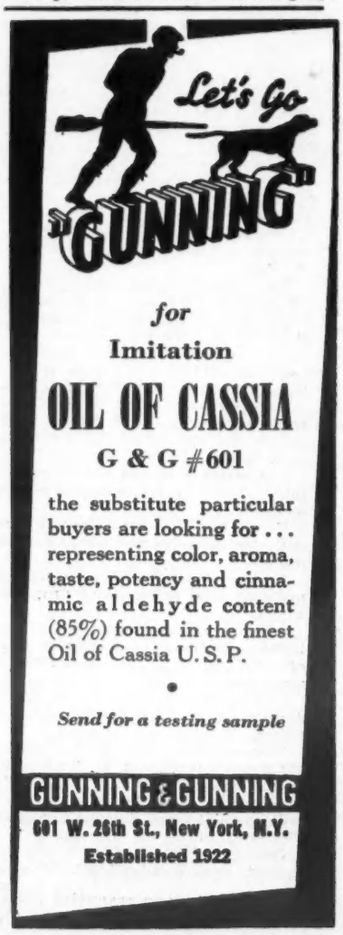
tinue as chief of the Conservation and Substitution Branch. Heading the Simplification Branch is Robert B. Shepard, Glen Ridge, N. J., while Laurence Warwick, Wayne, Pa., is chief of the Specifications Branch. They held the same position previously in the old Conservation Division.

The new Conservation Division consists of over 100 technically trained specialists who serve all industry divisions and government agencies. It will be in the Resources Agency group under the Director General for Operations.

72d—OPD—Year

Givaudan-Delawanna Adds To Sales Personnel

Givaudan-Delawanna, Inc., essential oils and aromatic chemicals, this city, has transferred Miss Gertrude M. SaVoie from its technical service laboratories to the sales department. Miss SaVoie has been affiliated with the company for ten years, and her new capacity will be that of perfume and cosmetic consultant. Robert E. Horsey has joined the sales staff of the new products division of the company.



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Petroleum Derivatives

Outturn and Movement of Petroleum Chemicals Curtailed Still Further by Surrender of More Plant Capacity and Transportation Facilities to Supplying War Fronts

With the movement of petroleum products urgently needed on our fighting fronts taking precedence over all other operations and with many refineries devoting the greater part of their capacities to hugely amplified production of high-octane gasoline required by our air forces, there has been a further lag in the yield and shipment into consuming channels of the aromatic and other solvents, diluents, light hydrocarbons and other highly developed petroleum specialties within the past week. As the demand for these petroleum chemicals has continued to expand enormously, the resultant shortage has become increasingly acute.

Despite a further tightening of the thumbscrews of fuel oil rationing in the seventeen states on the Atlantic seaboard, accompanied by intensified efforts on the part of refiners to swell their output of that oil, there has been an additional draining of its supplies during the week. And, while the production of 100-octane aviation gasoline has been hugely increased by the opening of another big fluid catalytic cracking plant in New Jersey and a further expansion of previously-operating fractionating plants for that purpose, the current outturn of ordinary motor fuel gasoline has proved insufficient even for the greatly contracted requirements of drastically rationed consumers.

In the hope of spurring producers of crude petroleum on the Pacific Coast as well as in the Southwestern fields into redoubled efforts to amplify the flow of this basic liquid from their respective fields, campaigns have been inaugurated for obtaining the approval of the Office of Price Administration to an upward revision of prices for crude oil amounting to at least 50 cents per barrel in California and an even higher figure in other fields.

Price Changes

Advanced

Kerosene, 41-43 water-white, Oklahoma-Texas, in tanks, ¼c. per gal.

Reduced

None

Comparative Values

Market news that may have developed after this report was sent to press will be found on page 4.

Solvents and Diluents

Aromatic Solvents.—The demand for the high solvency aromatic naphthas continues in excess of the supply. War industry contractors are still eager buyers of the allocated grades with average distillation points under 330 degrees. Those consumers lacking authorization to buy these grades are contenting themselves with substitutes with distillation points slightly above that temperature, or with aliphatics.

Cleaners' Naphtha.—Demand broadening. Supplies tightening.

Lacquer Diluent.—Buyers striving to obtain larger quantities than suppliers can furnish. Stocks light.

Mineral Spirit.—Purchasing movement hitting faster pace. Supplies barely sufficient to fill orders.

Rubber Solvent.—Buying interest increasing with rubber reclaimers leading the expanding procession of purchasers.

V.M. & P. Naphtha.—All available supplies being rapidly absorbed by paint trade and war industry contractors.

Markets at Other Centers

Chicago—January 22

Aromatic Solvents.—Orders extensive; market strong.

Cleaners' Naphtha.—Buying orders piling up on suppliers; prices firm.

Lacquer Diluent.—Good buying; no price change.

Mineral Spirits.—Demand extensive; prices holding.

Rubber Solvent.—Takings sizable, with market firm.

Stoddard Solvent.—Call good; market steady.

V.M. & P. Naphtha.—Buying brisk, and market steady.

San Francisco—January 22

Aromatic Naphthas.—Producers are high in their praises of the government's prompt handling of allocation requests on those items in the allocation range.

Lacquer Diluent.—Demand excellent. Sellers are meeting most requests fairly promptly.

Rubber Solvent.—The demand is good throughout.

Stoddard Solvent.—Buyers taking on large lots.

V.M. & P. Naphtha.—Orders steady.

Cleaners' Naphtha.—Routine situation.

Tulsa—January 22

V.M. & P. Naphtha.—Lack of adequate tankcar and other transportation facilities is holding up shipments of this material, for which there is an exceedingly brisk demand from both war and non-war sources. The supply situation is becoming tighter daily. Market tone extremely strong.

Lighter Fractions

Butane.—A keen buying interest is being shown. Tone continues strong, as stocks are none too liberal.

Heptane.—Demand for this material expanding daily. Supplies only moderate-sized.

Hexanes.—Continue in active request. Stocks light.

Octanes.—In brisk inquiry. Supplies small.

Pentanes.—Keeps moving steadily. Tone firm.

Propane.—Buying movement continues unabated. Stocks being reduced by constant takings of normal users and war production contractors.

Markets at Other Centers

Chicago—January 22

Butane.—Active call, market strong.

Heptane.—Demand extensive, with prices steady.

Hexane.—Good interest, firm quotations.

Octanes.—Further buying, no price change.

Pentanes.—Active business reported, prices steady.

Propane.—Good call, with market strong.

San Francisco—January 22

Colder weather is putting increased strain on market for liquefied gases. Transportation difficulties constitute a big problem.

Butane.—Brisk call here.

Propane.—Very active.

Tulsa—January 22

Butane.—Continued pressure from buyers is noted, with suppliers unable to meet all requirements. Market tone strong.

Propane.—In increasing call. Demand now running ahead of supply.

Petrolatums and Waxes

Paraffin.—Crude, semi-refined and fully-refined grades continue in keen demand, with supplies of some of the fully-refined grades greatly reduced. Market tone strong.

Patrolatums.—U.S.P. grades moving steadily while industrial and veterinarian grades are also in fair demand. Prices well maintained.

Amorphous Waxes.—Buying interest growing. Tone firm.

White Mineral Oils.—Steady absorption of virtually all grades continues. Prices firmly held.

Markets at Other Centers

Chicago—January 22

Paraffin.—Call good, no price change.

Petrolatums.—Steady demand, prices firm.

White Mineral Oils.—Active business, market steady.

Los Angeles—January 22

With no chance to improve production, sellers of paraffin on the Pacific Coast

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 9

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Fuels and Lubricants

Fuel Oil.—In order to avoid a clash with OPA and other government agencies, the Petroleum Administrator for War has held in abeyance his plans for putting into effect a new list of preferences to govern distribution of fuel oil among business establishments not rated in the administration's new "Schedule A" of essential consumers.

Gasoline.—Largely as a result of nationwide rationing, domestic stocks of gasoline have increased by 710,000 barrels to 84,955,000 barrels in the week ended January 16, but it is to be noted that at this level these stocks were 13,556,000 barrels below those recorded on January 17, 1942. In a further drastic move to avert a breakdown in fuel oil distribution along the Atlantic seaboard, PAW has banned all tankcar deliveries of gasoline into district 1 except those already in transit. This action will result in the reservation of approximately 70,000 tankcars in the Eastern service for the movement of fuel and crude oil and military supplies, leaving barges, pipelines and tank trucks to meet, as best they can, minimum essential civilian requirements.

Kerosene. — Announcement is expected shortly of the terms of the arrangement whereby the Defense Supplies Corporation, an RFC agency, is going to defray the extraordinary costs of moving kerosene into North Atlantic States by shippin in drums, as an emergency move ease the critical East Coast situat Present plans contemplate a d shipment of kerosene in dr amounting to 6,500 barrels. For purpose the U. S. Army has m available approximately 200,000 s drums. These drums are being ship in box cars and will supplement quantities moving in by tankcars. Oklahoma-Texas refineries, the h erto prevailing low price of 4¾c. been withdrawn from the 41-43 wa white grade which is now firmly h by all sellers at 4½c. per ga in tanks, there.

72d—OPD—Year

Watts Gets Materials Div. Post with PAW

Appointment of Frank A. Watts Houston, Texas, as Director of Materials Division was announ today by Deputy Petroleum Adm istrator Ralph K. Davies.

Mr. Watts succeeds Greer Or who resigned to return to the Te Company after having completed six-months' period he agreed serve as Materials Director when was drafted by the Petroleum . ministration for War. On leave absence from the Humble Oil & fining Company, with headquar in Houston, Mr. Watts has had twe four years' experience as an oil gineer and materials specialist.

72d—OPD—Year

Grasselli Sets Safety Mark

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Fertilizer Materials

Limitations Imposed by Department of Agriculture on Relief from Nitrogen Shortage by Denying Use of Chemical Nitrogenates on All Except Essential Crops

Fertilizer mixers, who were recently elated by efforts of the War Production Board to relieve the shortage of nitrogen, needed in compounding authorized nitrogen-phosphorus-potash mixtures, with more liberal allocations of chemical nitrogenates, have met with a setback in their plans through the wholly unexpected issuance by the Department of Agriculture on January 19 of a food production order designated as No. 5, limiting the permissible use of all chemical nitrogen fertilizers to crops deemed essential or most critically needed in the war effort and denying the use of these inorganic nitrogenous products to numerous crops which have been adjudged non-essential.

The new order of the Department of Agriculture, which has just taken over the fertilizers unit of the inorganics section of the Chemicals Division of the War Production Board, has superseded WPB's Order M-231, originally issued September 12, 1942, and amended December 4, last, establishing the approved fertilizer compounds or "grades" of the various States, in the preparation of which the Department of Agriculture had played an important role.

Until the issuance of this superseding order, WPB was becoming much more liberal in its new allocations to fertilizer interests of the domestic output of sulphate of ammonia, also of cyanamid, fertilizer compounds of urea, nitrate of soda from Chile and even of liquid ammonia. An offering of the rare material, ammonium nitrate, from Canada, had also been made available on the Pacific Coast.

An expected establishment of uniform price ceilings on superphosphate and triple superphosphate by OPA has been postponed indefinitely, following a meeting of trade interests with that agency in Washington, January 18.

Price Changes

Advanced

None

Reduced

Hoofmeal, 17-18 percent ammonia, bulk, f.o.b. Chicago, 5c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.0

Market news that may have developed after this report was sent to press will be found on page 4.

Nitrogenates

Castor Pomace.—Recent sizable arrivals of beans have resulted in production of moderate amount of meal, but this has not constituted a drop in the bucket of present urgent requirements. Foreign pomace added to List 3 of Imports Regulation Order M-63. Latest arrivals of beans from Brazil, 57,430 bags, weighing 8,614,500 pounds.

Cyanamid.—Fairly liberal offerings still being made by producers to fertilizer industry.

Dried Blood.—Offerings to fertilizer trade almost nil; even to feed manufacturers, very limited as packers continue withholding bulk of output for their own uses.

Fish Meal.—No menhaden scrap available except for delivery on outstanding contracts. No meal in sight. In response to requests from fish fertilizer interests on the Pacific Coast, OPA has fixed prices for fish meal, there by setting a price for each percentage of protein ranging from 40 to 80 percent, which replaces the previous range of 55 to 75 percent. The prices thus fixed run from $46.50 for 40 percent to $93 for 80 percent, and are $2 to $4 below those fixed for fish meal on the Atlantic and Gulf coasts.

Hoofmeal.—Keen competition has resulted in a further concession by some holders of 5c. per unit-ton, to an inside figure of $4.35, although supply situation is still tight, and up to $4.50 continues to be asked in some quarters.

Nitrate of Soda.—More liberal allocations of Chilean nitrate continue to be made to domestic fertilizer interests.

Sulphate of Ammonia.—More liberal allocations being made by WPB to fertilizer interests. Estimates on operations of by-product cokeovens indicate a production of 38,375,040 pounds for the week ended January 16 from that source.

Potashes

More resale operations recorded in instances wherein consumers who neglected to cover all their requirements at outset of the season or whose needs have been expanded of late have latterly been forced to re-enter the market, only to find that domestic producers had sold the bulk, if not their entire, output up to March.

Tightness of the situation may be relieved to some extent by an offering of 1,000 tons of muriate of potash of Russian origin—the first sizable offering of foreign potash to be made in two years to the American fertilizer trade. This potash has already been shipped from Russia and is due to arrive here shortly. The offering of this Russian potash has been made at 53½ cents per unit, on the same basis as that of the domestic producers, but past experience has demonstrated that Russian potash is not up to the high standard of the American product.

Phosphates

Bone Materials.—Supply of both raw bones and steamed meal very scanty. Demand keen.

Cottonseed Hull Ash.—In active request.

Phosphate Rock.—Steady movement into consumption continues noted in Florida land pebble and Tennessee brown rock.

Superphosphate.—OPA will soon announce uniform price ceiling on this material for sale in bulk by producers to fertilizer mixers. Following a conference of OPA officials with producers, January 18, it was reported that the new ceiling will be built on a basis of 62½c. per unit for run-of-pile, 16 percent available phosphoric acid, f.o.b. Baltimore.

Sulphur and Pyrites

Crude sulphur continues in ample supply. No Spanish pyrites yet available here.

Markets at Other Centers

Atlanta—January 22

Superphosphate—61 cents per unit, interior producing points.

Nitrate of Soda—Allocated, $30 per ton, port basis.

Sulphate of Ammonia—Scarce, allocated, $29 per ton, ports.

Nitrogenous Material — Domestic, limited supply from Chemical, Ill. plant to old customers.

Oil Meals.—Restricted to feed trade.

Baltimore—January 22

Fish Scrap.—Some of the menhaden fishing companies on the coast of North Carolina continue in their efforts to add to the volume of scrap in the hope that they may be able to meet their contract requirements. But their hopes are being bogged down by unfavorable weather at intervals and an unrelieved scarcity of fish. How much longer these efforts will be made is uncertain, but they are not likely to be maintained beyond the end of this month. No sales of this ammoniate have recently been recorded. This is also true of meal, which holds around $72.50 per ton here for 60 percent protein content, with 65 percent at $78.50 per ton f.o.b. shipping point.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 9

Chicago—January 22

Dried Blood—Principal grade, unground, $5.38 per unit of ammonia.

Tankage—Unground, feeding grade, $5.53 per unit; hoofmeal, $4.35 to $4.50; liquid stick, $2.40 to $2.50.

Bone Materials—Ground, steamed bone, 3 to 50 percent, $30 to $35 per ton; cattle jaws, skulls and knuckles, $40 to $42; dry, rendered tankage, hard pressed, $1.20 to $1.21; 50 percent meat and bone scrap, $68.

San Francisco—January 22

Sales agents in San Francisco for Canadian ammonium nitrate have finally announced a price on 4,000 tons of this rather rare material, ready to be shipped, amounting to $77.80 per ton, f.o.b. San Francisco, and $80.25, Los Angeles, and contracts are now in the making. All available animal and fish products continue to be snapped up quickly. Liquid ammonia is back on the market in one section of California, following its disappearance some time back.

Ammonia Phosphate.—Quoted at $48 per ton for 16/20 grade, delivered inland California points.

Ammonia Sulphate.—Sold subject to WPB allocation at $38 per ton; freight allowance up to $4.40 per ton.

Ammonium Nitrate.—Orders being taken for shipment from Canada on basis of $77.80 per ton, f.o.b. San Francisco, $80.25 Los Angeles.

Blood Meal.—Very tight. Light offerings. Quoted if and when available at from $4.65 to $5 per unit or better, f.o.b. Los Angeles.

72d—OPD—Year

Chemical Fertilizer To War Crops First

—Continued from page 7

vided that, during the 1940-41 or 1941-42 seasons, they used such fertilizer on group "B" crops or that it was used on these crops on the farms they are now operating.

The group "A" crops are:—

Field crops—castor beans; cotton varieties normally stapling 1⅛ inches or longer, fiber and seed flax, guayule, fiber and seed hemp, hybrid corn for seed production only, peanuts and soybeans; vegetable crops—dried beans, snap and lima beans, beets, cabbage, carrots, kale, onions, all peas, peppers, Irish and sweet potatoes, spinach, sweet corn, tomatoes, and vegetable seeds; other crops—tung, and the following dried fruits: prunes, figs, raisins, apricots and peaches for drying.

Group "B" crops are defined as all crops except those in group "A" and those on which the use of fertilizer containing chemical nitrogen is prohibited by the order.

For group "A" crops, excepting soybeans, peanuts and cotton, farmers may obtain fertilizer containing chemical nitrogen up to quantities recommended by the State Agricultural Experiment Station. On cotton, the quantity a farmer may obtain is based either on his past rate of application or the rate customarily used in his area. For soybeans and peanuts, the basis is the farmer's customary rate of application, or the recommendation of the State Experiment Station.

The quantity of fertilizer farmers may obtain for group "B" crops is based on the rate of application used on the farm during either the 1940-41 or 1941-42 seasons.

The order requires a farmer to provide his dealer with a written statement showing his customary use of fertilizer in 1940-41 or 1941-42, and his requirements for 1943. Manufacturers are expected to supply the necessary forms to their local dealers. The new order contains other changes, as follows:—

It prohibits the use or delivery for use of chemical nitrogen fertilizer on melon or cucumber crops, except where grown for seed production, or in the case of cucumbers where grown for processing.

Prior to April 1, 1943, not more than 50 percent of a farmer's requirements of mixed fertilizer containing chemical nitrogen can be used or delivered for use on field corn in the 10 North Central States of Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Nebraska, Ohio, South Dakota and Wisconsin.

Prior to May 1, 1943, not more than 75 percent of a farmer's requirements of chemical nitrogen as straight material can be delivered or used on field corn or cotton of varieties which normally staple less than one and one-eighth inches.

In accepting orders for, or making deliveries of chemical nitrogen as straight material, fertilizer distributors are required to deliver chemical nitrogen for home mixing, provided the amount delivered does not exceed the amount which the customer would be eligible to purchase in mixed fertilizer.

A person who is permitted to obtain chemical fertilizer for uses other than on his Victory Garden is permitted to use it also on his garden.

Among conservation measures instituted by War Production Board which are continued without change in this order are:—

(1). Framers are required to use grades of fertilizer which are approved for the State.

(2). No chemical nitrogen fertilizer can be used on golf courses, cemeteries, lawns, roadsides, parks or in the non-commercial planting of trees, shrubs or flowers. Fertilizers for use on military and naval airfields are exempt.

(3). No mixed fertilizer containing chemical nitrogen can be used on spring-sown small grains to be harvested for grain.

(4). Victory Garden fertilizer must be of grade 3-8-7 and may be put up in 5, 10, 25, 50 or 100-pound packages. A Victory Garden is one planted primarily for the non-commercial production of vegetables and small fruits.

(5). The only restrictions on the manufacture, sale or use of mixed fertilizers containing organic nitrogen are that they must contain at least three units of nitrogen and 14 units of total plant food.

FERTILIZER MATERIALS

— Inquiries Solicited —

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405 Lexington Ave., New York

Telephone: MU-9-6188

Cable Address: "JACKLECO"

Domestic **SULPHATE of AMMONIA AND AMMONIA LIQUOR**

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PRODUCTION WILL WIN THE WAR

No doubt it is becoming increasingly difficult to maintain full scale production because new machinery requires not only high priority but months of waiting. REBUILT EQUIPMENT is available immediately. Check our stock for your needs. Here are a few selected items.

2 Micro Pulverizers; 24"; with 60 HP and 75 HP motors

3 Orville Simpson Rotex Sifters; 40" x 84", pulley driven

1 Shriver 24" x 24" P. & F. Filter Press; 28 jacketed plates

1 Nat. Pkg. Two Station Auger Type Automatic Powder Filler

1 Stokes & Smith late model auto. Auger type Powder Filler

15 New and Used Dry Mixers; up to 2000 lbs.

30 Large Steel Storage Tanks; up to 15,000 gal.

7 Copper Steam Jacketed 175 gal. Kettles; other sizes stocked

1 240 lb. MacClellan Batch Mixer; galvanized

3 FMC Hammer Mills with fans, dust collectors, etc.

1 Abbe Lenart 55 gal. Mixer

1 Judelson Duplex Truck Type Dryer

3 Lab. Size W. & P. Mixers; Jktd. and Unjktd. — 2 all Bronze

1 Vac. Drum Dryer 4' x 10'6" with accessories

2 Louisville 6' x 35' Steam Tube Dryers

1 Steel Rotary Digester 6' x 15'

3 Broughton Mixers; 1000 lb. and 2000 lb.

12 Steel Jacketed and Agitated Vert. Tanks; 1000 gal.

2 Sweetland Filters; No. 10 and No. 7

1 Pneumatic Scale 16 spout—s. s. auto. Rotary Vacuum Filler

If you do not receive our lists regularly send for them

FIRST MACHINERY CORP.

FMC

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NEW YORK CITY

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IF YOU would be interested in being represented in part of Ohio and Louisville, Ky., on chemicals, pigments, oils or other materials by an established Cincinnati firm, address BOX 236, Oil, Paint and Drug Reporter.

EXPERIENCED FIRM with agencies and connections in North Africa wishes to obtain exclusive agencies of chemical manufacturers and producers of equipment and machinery for this area. BOX 243, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—36x36 Burkhard copper varnish boiling kettle with cover and truck; one 27x48 iron kettle with cover and truck. Both like new. Make offer. BOX 232, Oil, Paint and Drug Reporter.

TWO REFRIGERATING units, 15 tons capacity each, complete with compressors, condensers, ammonia receivers, cooling tanks, etc. BOX 244, Oil, Paint and Drug Reporter.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 205, Oil, Paint and Drug Reporter.

WANTED—New or used analytical balance, Chain-o-matic or other rapid type. Sensitivity 1/10 or 1/20 mg. with or without all other weights. BOX 235, Oil, Paint and Drug Reporter.

WANTED—Three filter presses, three evaporators, one set of granulators, two coal pulverizers, two Brightwood box machines, one pneumatic packaging line. BOX 238, Oil, Paint and Drug Reporter.

Equipment Wanted

ACID PROOF reflux condenser. State size, all particulars, location, price. BOX 237, Oil, Paint and Drug Reporter.

Facilities Offered

COMPACT CITY chemical plant with truck dryer, centrifuge, glass-lined, steam-jacketed vacuum pan set-up, etc. Available for chemical production, varied organic syntheses operations. Open to proposition live chemist, live process. BOX 231, Oil, Paint and Drug Reporter.

Factories Offered

FOR SALE or rent—Marvelous opportunity due to death of partner. New, fully machined paint and varnish factory. Modern fireproof cement brick construction; on railroad. Ready to start. Weber, 99 Bedell street, Freeport, L. I.

FACTORY SPACE—9,000 sq. ft., one floor, extra high ceiling, sprinkler system, live steam available, excellent light, power lines installed; unrestricted district in Brooklyn; near two subways; low rent. The R. L. Kraft Company, Woolworth Bldg. Cortlandt 7-9377.

—Continued on page 61

USED EQUIPMENT

Are you trying to locate any good used equipment for quick delivery?

TRY US

EMSCO EQUIPMENT COMPANY

EMIL A. SCHROTH, Owner

41 HYATT AVE. NEWARK, N.J.

STAINLESS STEEL TRUCK TANK
5' dia. x 14' insulated and covered with aluminum, 1,980 gals.

COPPER EVAPORATOR
3'9¼" O.D. x 9', like new.

STEAM JACKETED TANK
9' dia. x 5' deep, with heavy duty agitator—new.

STEEL STORAGE TANKS
4 to 8,000 gals. Copper Tanks, Steam Jacketed Kettles, Condensers, Pressure Tanks, Coolers, Steam and Electric Pumps, Brass Valves ¾ to 8" new and used.

H. LOEB & SON
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FOR SALE

4—100 gallon WERNER & PFLEIDERER mixers
3—12 in. x 30 in. Roller Mills
2—16 in. x 40 in. three steel roller mills
PONY MIXERS from 2½ gallons to 40 gallons
5—Change Can Mixers
1—Kent 9 in. x 22 in. - 5 roller High Speed ROLLER MILL
3—32 in. x 36 in. PEBBLE MILLS
10—1000 gallon steel square storage tanks
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5—9 in. x 24 in. motor driven roller mills
Specializing in Rebuilt Machinery
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SPEED PRODUCTION WITH
"CONSOLIDATED"
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2—All Copper EVAPORATORS: 1 Badger triple 450 sq. ft. per effect, complete; 1—Standard triple 350 sq. ft. per effect, complete.
17—RUBBER LINED Rectangular TANKS, 1—220 gal., 2—1,000 gal., 2—650 gal., 9—500 gal., 2—200 gal., 1—150 gal.
1—P. & S. 9-truck ATMOSPHERIC DRYER, 1,562 sq. ft. tray surface.
2—Rotary VACUUM DRUM DRYERS: 1—Buffalo 40" x 40" Single Bronze Drum; 1—Devine 3' x 9' Double Bronze Drum.
7—ROTARY VACUUM DRYERS: 1—Buffalo, 5' x 30'; 5—Devine 4' x 25'; 1—Devine, 4' x 32'.
3—ATMOSPHERIC DRUM DRYERS: 2—Anco 4' x 9', single drum; 1—4' x 8'.
50—25 gal. MONEL open TANKS; 12—45 gal.
1—20 gal. MONEL KETTLE, electrically heated.
2—36" x 84" Double Drum ATMOSPHERIC DRYERS (new).
4—ALUMINUM JACKETED KETTLES, 1—60 gal., 2—40 gal., 1—20 gal.
1—300 gal. PFAUDLER WATER JACKETED KETTLE, side md. agitators; 1—125 gal.
4—300 gal. COPPER CLOSED TIN-COATED TANKS.
35—CENTRIFUGAL EXTRACTORS, 12" to 72" bronze and steel baskets, belt and motor drives.
6—PEBBLE MILLS: 1—Patterson, 6' x 7', Silex Lined; 32" x 42" rubber lined; other sizes.
6—3-ROLLER MILLS, up to 16 x 40.
5—4,000 lbs., 2,000 lbs., 1,000 lbs., 600 lbs., DRY POWDER MIXERS; other sizes.
2—W. & P. MIXERS, size 21-X-BB Jacketed, 625 gal.; 1—size 15, 100 gal. Jacketed; 1—size 14, 50 gal. Jacketed; other sizes.
4—4' x 6' Iron OLIVER CONTINUOUS FILTERS; 1—3' x 28" wood staves.

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Former
LION BREWERY
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32—Horizontal 10' dia. x 23' long, WOOD TANKS, 3" staves, 14,000 gals.

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1—Zaremba dbl. effect EVAPORATOR, steel tubes, 660 sq. ft. per effect.
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1—14' dia. WEDGE FURNACE, 7—hearth, complete.
1—Sperry 42" x 42" CAST IRON FILTER PRESS, plate-frame, 55 chambers; 1—Shriver 36" x 36", washing 60 chambers; 20 others, 30" x 30" to laboratory sizes.
9—HEAT EXCHANGERS, Ahlberger; 50, 100, 300, 440 sq. ft. heating surface; other smaller sizes.
2—Cresson Morris 48" Copper basket, direct m.d. CENTRIFUGALS, ball bearing.
5—RAYMOND PULVERIZERS; 5—Roll High Side; No. 1 Beater Type; No. 0000.
3—Vilter AMMONIA COMPRESSORS, twin horiz. 250 tons each, direct m.d. to West. 500 HP synchr. Motors, 3-60-440 V.
1—Vilter AMMONIA COMPRESSOR, 40 tons, m.d. with 100 HP 3-60-440 V.
2—Direct Heat Rotary DRYERS: 1—6' x 24' Iroquois and 1—5' x 30' Iroquois, ½" shells.

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New York
Shops: 335 Doremus Avenue
Newark, N. J.

Business Wants and Offers

—Continued from page 60

Materials Offered

MODIFIED PHENOLIC resins for sale: We offer for immediate delivery 34 barrels Reichhold's Beckacite No. 1116 and 48 barrels Reichhold's Beckacite No. 1123 holding approximately 275 lbs., and 95 drums Krumbhaar's phenolic resin No. 606 holding approximately 435 lbs. In original unopened containers. Priced at cost. For information write or wire to BOX 207, Oil, Paint and Drug Reporter.

Materials Wanted

WILL PURCHASE your surplus and discontinued chemicals, drugs, oils, waxes, dyes, solvents, etc., and will pay highest cash prices for same. Thoroughly familiar with WPB regulations. Will make immediate offer. Write fully. BOX 217, Oil, Paint and Drug Reporter.

Merger Offered

WILL MERGE small dry color manufacturing business with similar reputable concern in metropolitan area. Have excellent sales contacts. BOX 216, Oil, Paint and Drug Reporter.

FOR SALE!

DRYERS—KILNS—FURNACES

1—Buffalo Vacuum Drum, 24"x20".
3—Atmospheric Double Drum, 3'x8', 4'x9'.
2—Atmospheric Single Drum, 4'x8'.
7—Rotary, 3'x18', 3'x30', 4'x30', 5'x35', 6'x65', 6'x100'.
1—Rotary Indirect, 6'x45', monel lined.
3—Hersey Rotary Indirect, 5'x25', 6'x25'.
1—P. & S. Atmospheric Tray.
4—Herreshoff, Wedge, U. S. Furnaces.
3—Rotary Kilns 6'6"x100', 6'x7'x100'.
2—Rotary Kilns 10'x125'.

KETTLES—PANS—AUTOCLAVES

1—Duriron 15 gal., agitated Reaction Kettle.
3—200 gal. Pfaudler Glass Lined, Jcktd.
1—Buflovak Impregnating Kettle, 42"x80".
5—Copper Vacuum Pans 2', 2'6", 7' dias.
25—Copper Jcktd. Kettles, 10 to 300 gals.
8—Steel Jcktd. Kettles, 50 to 2000 gal., agitated.
4—Autoclaves 5, 25, 80, 150 gals.
1—Stainless Steel, 40"x30".

CENTRIFUGALS

1—Weston 40" Suspended, with 40 HP AC motor.
3—Tolhurst 40" Suspended, with 15 HP AC motors.
5—Tolhurst 32", 40", 48", self-balancing type.
1—Sharples Lab. Centrifuge.
6—Sharples No. 6.
4—DeLaval Nos. 200, 300, 600, 700.

MIXERS

2—Day No. 30 Imperial, Jcktd., 75 gal. working capacity.
10—Trough Mixers, Lab., to 75 gal.
5—Change Can, 8 to 40 gal.
4—Lead and Paste Mixers, 50 to 100 gal.
1—Day Universal, Jcktd., 265 gal.
20—Day Powder Mixers, 25 to 2000 lb.

FILTERS

1—Shriver 24"x24" Jcktd., cast iron, 30 chambers.
1—Sperry 32"x32", cast iron, closed delivery, 24 chambers.
1—Sperry 36"x36", cast iron, 48 chambers.
2—Oliver United 26"x36", cast iron, 41 chambers.
10—Shriver Skeletons, 12" to 36" square.
8—Kilby 30"x30", cast iron, 32 chambers.
5—Oliver Rotary 3'x3', 6'x4', 12'x8'.
3—Sweetland Filters, Nos. 5, 7, 10.

PULVERIZERS—GRINDERS

1—No. 1 Raymond Mill, motor driven.
7—200 gal. Pebble Mills, 4½'x3½'.
8—Rubber Lined Pebble Mills, 24"x36", 36"x36", 75 to 100 gal.
15—Abbe, Patterson Pebble Mills, Lab. to 200 gal.
6—Day, Ross Roller Mills, 5"x12", 9"x24", 12"x32", 16"x40".
3—Raymond Roller Mills, 2, 4, 5 rolls.
3—Raymond Pulverizers, Nos. 0000, 00, 3.
1—Mikro Pulverizer, 24".
5—Hardinge Ball Mills, 3' to 8' dias.
1—Robinson 26" Attrition Mill with 2—20 HP AC motors.
6—U. S., Premier, Charlotte Colloid Mills, ½ to 100 HP.
15—Hammer Mills, Williams, Jaybee, etc.

TANKS

1—350 gal. Rubber Lined.
3—Lead Lined, 1700 gal., Pressure or Vacuum.
1—Lead Lined, 1700 gal., with agitator and motor.
2—20'x20', open top, Steel.
3—Copper, 2000, 2500 gal.
10—Glass Lined, 50 to 1000 gal.
19—Steel, 3500 to 20,000 gal.

MISCELLANEOUS

5—Rotex, Tyler Screens.
6—Vapor Heaters, 100 to 500 sq. ft.
1—S. & K. Heat Exchanger, 27 sq. ft.
1—Single Effect Vertical Evaporator, 2300 sq. ft.
2—Glens Falls Sulphur Burners.
40—Pumps, Centrifugal, Rotary, 1" to 6".
10—Vacuum Pumps, Devine, Buffalo, Nash.
2—Duriron, Olivite, Lead Acid Pumps.
1—Badger 1000 gal. Copper Still.
30—Lead Valves, 2" to 3".

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BRILL Equipment Co.
183 VARICK STREET NEW YORK

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PRODUCTION MAN experienced with roller mills and printing ink or paint manufacture, preferably with chemical training. Permanent position. Give full details and salary desired. BOX 219, Oil, Paint and Drug Reporter.

VARNISH MAKER wanted; thoroughly experienced. State full particulars giving age and draft status. Location, Long Island City, N. Y. BOX 234, Oil, Paint and Drug Reporter.

PUMPS

	GPM	Head	Speed	Make	Model
(2)	50	50'	1720	Dayton Dowd	CS1¼
	25	150'	1165	Century	
	150	27'	1750	Advance	SH
	100	30'	1740	Allis Chalmers	SSJOR
	100	59'	1150	Platt	2
	300	150'	1800	Gould	
(2)	5	300'	1150	Northern	2E
	100	110'	1155	Williams	
	1800	47'	1970	Alberger	8"CC
(2)	175	60'	1735	Courtney	3"2B
	90	80'	1850	Gould	
	450	65'	1750	Hayton	

The Motor Repair & Mfg. Co.
1545 Hamilton Ave., Cleveland, Ohio

TANKS

23 Steel Oil Storage 5 000 — 8,000 — 11.500 and 20,000 Gal. Cap.
2—10,500 bbl. capacity field tanks.
9 Cyprus 3,800 gal. 9 ft. dia. 8 ft. high.

TANKS ON TOWERS

100,000 gal. Steel 40' Tower
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35,000 gal. Steel 90' Tower
25,000 gal. Steel 80' Tower
1—100,000 gallon Steel 82' Tower
1—40,000 gallon Steel 100' Tower

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60 EAST 42nd ST., NEW YORK, N.Y.

LOCATED PHILADELPHIA, PA.

4—BUCKEYE 15 BOX HYDRAULIC OIL PRESSES, 16" RAM, 24" STROKE, 4,000 LBS. P.S.I.
1—No. 2½ EUREKA VERT. BREAKER.
3—DOUBLE STAND STEEL 4 ROLLER MILLS, 7" x 18", AND 7½" x 30" ROLLS.
1—No. 21 BUFFALO CHOPPER.
2—SHRIVER IRON FILTER PRESSES.
3—JOHNSON IRON FILTER PRESSES.
1—WELDED STEEL STORAGE TANK.
1—SCHUTZ-O'NEILL 20" PULVERIZING MILL WITH COLLECTOR.
1—STANDARD AUTOMATIC CAPPER.

WRITE FOR BULLETIN L 19

1—Badger 42" Monel Alcohol Column.
1—W.& P. 150 gal. Jack. Mixer, Size 16.
1—Faust 150 gal. Jack. Double Spray Mixer.
1—3 Roll High Side Raymond Mill.
2—5 Roll W.C. 16" x 40" Steel Roller Mills.
1—Allbright-Nell Atmos. Drum Dryer, 3' x 8'.
1—Devine 4' x 30' Rotary Vacuum Dryer.
43—Stainless Steel Filter Press Plates, 24"x24".
6—4,000 gal. Vert. Acid Proof Tanks.
2—Sweetland Filters, Nos. 5 and 8.
1—No. 2 Mikro Pulverizer.
1—No. 4 Mikro Pulverizer.
12—Iron and Wood Filter Presses, 18" to 36".
1—No. 2 Oliver Duplex Vac. Pump, 14" x 8".
1—Pennsylvania Vac. Pump, 14" x 5".
2—Worthington 12" x 12" x 12" Vac. Pumps.
1—Beech-Russ No. 6 Compound Vac. Pump.
1—Creamery Pkgs. Mfg. Co. Homogenizer, motor driven, approx. 400 gals. per hr.
1—De Laval No. 301 Multiple Clarifier, M.D.
5—Ross 8, 15 and 40 gal. Pony Mixers.
4—Ross 3 Roll Mills, 12" x 30" and 16" x 40".
10—Pebble and Jar Mills, Lab. to 750 gals.
2—Tolhurst Centrifugals, 32" and 40".
8—Stone Mills, 10" to 32".
8—Lead and Paste Mixers, 50 to 135 gals.
6—Horiz. and Vert. Mixers, up to 500 gals.
10—Glass Lined & Steel Tanks up to 4,000 gals.
6—Vert. Jack. Kettles, up to 500 gals.
20—Copper Jack. Kettles, up to 150 gals.
1—Schultz-O'Neill No. 1 Sugar Pulverizer.
1—Jeffrey 24" x 18" Type A Hammer Mill.
3—Single and Double Roll Spike Crushers.
2—No. 0 and No. 1 Raymond Mills.
6—Williams & Jay Bee Hammer Mills.
1—Bauer 22" Attrition Mills.
1—Stedman 42" Ball-Bearing Disintegator.
15—Electric Agitators, ¼ to 10 H.P.
20—Rotary, Centrifugal and Vacuum Pumps.
6—Liquid, Paste and Powder Fillers.

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STEIN EQUIPMENT COMPANY
Department E
426 BROOME ST., NEW YORK CITY

Positions Vacant

TECHNICAL SALES engineer wanted with knowledge of water and sewage purification problems. Must also have complete technical and practical training in application and use of agricultural insectioides and fungicides. Coverage, 5 eastern states. Write, giving age, draft status, experience and salary expected. BOX 226, Oil, Paint and Drug Reporter.

WANTED:—Man to supervise packing, sub-dividing and labeling department in chemical plant in Metropolitan New York. Must be experienced in packaging of chemicals for food and drug trade. Draft deferred. Write, giving full particulars, experience and salary desired. BOX 230, Oil, Paint and Drug Reporter.

PRACTICAL PAINT control chemist wanted. Are you looking for a place with a fast growing company? Must know how to formulate. Should be familiar with present-day master painter formulations. Good opportunity for right man. Give draft status. BOX 239, Oil, Paint and Drug Reporter.

WORLD'S FAIR LIGHTS, MOTORS AND VALVES

BACK GEARED BALL BEARING MOTORS, 1/75 h.p., 3 ph.; 208 1800 r.p.m. red., 95 to 1.....each $10.00
1/25 h.p. 110 v. Universal 2 speed red., 25 to 1, 150 to 1..each $7.00
400 WATT MERCURY VAPOR LAMPS, with long life daylight bulb and untarnishable Alum. Reflector, complete with base, socket, 220 v. A.C. transformer.....each $13.00
1500 WATT MAZDA SPOTS with untarnishable Alum. Reflector complete with base and socket....each $8.00
2 kw. Gen. Elec. steam generators... $6.00
Electric Solenoid Valves
Above equipment is new or nearly new
25% with order, Balance C. O. D.

EASTERN SALVAGE CO.
208 Lafayette Street, New York, N.Y.

PACKAGING WANTED

We are equipped for filling, packaging and labeling powders, creams and liquids. Have steam jacket kettles and mixers for making your product. Excellent facilities, experienced and capable help, adequate floor space and railroad siding.

SEABOARD MFG. LABORATORIES
Incorporated
Swanson & Wolf Sts. Philadelphia, Pa.

FOR SALE

1—Raymond 2-roll high side Mill.
2—4 x 10' and 6 x 15' Tube Mills.
1—6' x 70' Rotary Dryer.
1—20 x 24" Jeffrey Hammer Mill.
2—18 x 48" double drum Flakers or Dryers.
2—12 x 32" and 16 x 40" 3-roll Mills.
1—20 x 24" 2-roll Coal Crusher.
4—Pebble Mills, 30 to 100 gallon.
2—No. 1 Abbe Rotary Cutters.
2—400 gal. closed lead lined Tanks.
1—800 gal. closed Copper Tank.

Send us your inquiries for Process Equipment and a list of your idle equipment.

LOEB EQUIPMENT SUPPLY CO.
917 N. Marshfield Ave., Chicago, Ill.

SPECIALS!

400 gallon STOKES SHEET STEEL Jack. & Ag. Kettle.
5—COPPER & NICKEL, 100 & 150 gallon Jacketed Kettles.
SHEET STEEL, Closed Jacketed Kettle, 500 gallon.
5'x10' Horizontal Jacketed & Agitated STEEL Kettle.
SIFTERS AND MIXERS, 50 to 2000 lbs. capacity.
BUFLOVAK Vacuum Drum Dryer, 24"x20".
SHEET STEEL DEVINE Closed, Jacketed Kettle, 1600 gallon, agitated.
J. H. DAY 3-Roller Mill, 12"x32", water cooled, silent chain drive.
SHRIVER & SPERRY 12" and 24" wood plate and frame Filter Presses.
SHRIVER Filter Press, cast iron, 24", plate and frame, O.D.
SHARPLES No. 6 Super Centrifuges, M.D.
CAST STEEL AUTOCLAVE, 550 gallon, jacketed, agitated.
BETHLEHEM CAST IRON Closed Jacketed Kettle, 1500 gals.
BETHLEHEM-FREDERKING CAST IRON Kettle, 2000 gallons.
VALLEY IRON CAST IRON AUTOCLAVE, 350 gallon, with horseshoe agitator.
STEEL STORAGE TANKS up to 15,000 gallon capacity.

List your surplus with us!

MACHINERY & EQUIPMENT CORPORATION
59 E. 4th Street, New York City

Positions Vacant

ESTABLISHED LABORATORY, located in the south, wants experienced tablet man capable of taking charge of department. State age, experience, references, salary expected. Answer confidential. BOX 223, Oil, Paint and Drug Reporter.

HAVE YOU advanced as far as you can in your present position? Fast growing, aggressive paint and varnish manufacturer in middle west offers real opportunity for a good varnish chemist with up-to-date knowledge of latest developments in varnish and alkyd technology. Write giving age, experience, education, draft status and wages desired. This position offers above average pay for the right man. Permanent—not a war job. BOX 240, Oil, Paint and Drug Reporter.

CHEMIST or chemical engineer. Excellent opportunity for a chemist or chemical engineer who is experienced in organic chemistry to act as general foreman in charge of production. Hydrocarbons and chlorinated benzol products. War work. College graduate preferred but not necessary. Applicant must be capable of handling men and should have had some manufacturing experience. Please give details regarding training, experience, draft classification and salary expected. Permanent position. All applications will be treated confidentially. BOX 241, Oil, Paint and Drug Reporter.

OPPORTUNITY for man with initiative, knowing chemical trade thoroughly, to join well established chemical import and export firm as manager on a profit-sharing basis. All replies confidential. BOX 242, Oil, Paint and Drug Reporter.

Positions Wanted

EXECUTIVE, thoroughly experienced handling raw materials, industrial chemicals, agricultural chemicals, and allied lines, with general purchasing knowledge and wide sales experience, open for position with manufacturer needing capable man. BOX 233, Oil, Paint and Drug Reporter.

Reid Promoted Again In War Board Setup

—Continued from page 3

Mr. Calder was named Director General for Operations.

Dr. Reid, who has served WPB and its predecessors in many capacities, was until today Mr. Calder's assistant. was until January 20 Mr. Calder's assistant. He came to Washington in June, 1940, as a member of the Advisory Commission to the Council on National Defense. Upon organization of a Chemicals Branch, he became its assistant chief, and was appointed chief of the branch in February, 1942.

Dr. Reid continued as chemicals chief until November, 1942, when he was named Director of the Commodities Bureau, one of five operating bureaus created at that time to co-ordinate the activities of relaed WPB indusry divisions. The operations of the Chemicals, Printing and Publishing, Pulp and Paper, Cork and Asbestos, and Containers Divisions were supervised by Dr. Reid.

His advancement to the post of Assistant Deputy Director for Industry Divisions was announced last week.

72d—OPD—Year

WPB Names Calder To Succeed Kanzler

—Continued from page 3

York in 1927, and became president of the American & Foreign Power Company, a position which he still holds.

72d—OPD—Year

Oxygen, Carbide Supplies Short

OPD Washington Bureau

Recent surveys of oxygen requirements compared with production indicates a serious shortage in the first half of the year, members of the Oxygen and Acetyline Industry Advisory Committee were informed January 20 at a meeting with WPB officials.

Requirements for calcium carbide also are considerably greater than production for several months and longer if plant construction is further delayed, it was also stated, and drastic cuts in allocations and probable curtailment of small orders may be necessary.

A subcommittee was appointed to study the cylinder turnover situation so that some plan can be adopted for equitable distribution of new cylinders expected to be available the Spring.

Shipping Information

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New York Imports

CASTOR BEANS—31,446 bgs, 4,716,900 lbs, Baker Castor Oil Co
2,480 bgs, 372,000 lbs, Leon Israel & Bros
11,827 bgs, 1,774,000 lbs, Spencer Kellogg & Sons
1,700 bgs, 255,000 lbs, National City Bank
5,000 bgs, 750,000 lbs, First National Bank
780 bgs, 117,000 lbs, Guaranty Trust Co
1,700 bgs, 255,000 lbs, Bankers Trust Co
2,497 bgs, 374,550 lbs, Bunge North American Grain Co
CINNAMON QUILLS—100 bls, 10,000 lbs, S L Jones & Co
300 bls, 30,000 lbs, Joensson & Cross
500 bls, 56,000 lbs, C T Wilson & Co
400 bls, 40,000 lbs, Irving Trust Co
COCOA BEANS—2,900 bgs, 580,000 lbs, General Cocoa Co
500 bgs, 100,000 lbs, Blumenthal Bros
300 bgs, 60,000 lbs, Daarnhouwer & Co
5,600 bgs, 1,120,000 lbs, A C Israel Commodity Co
200 bgs, 40,000 lbs, Cocoa Importing Co
900 bgs, 180,000 lbs, Kennedy, Butcher & Co
1,100 bgs, 220,000 lbs, General Foods Corp
2,400 bgs, 480,000 lbs, Cocoa Trading Co
550 bgs, 110,000 lbs, Rockwood & Co
11,650 bgs, 2,330,000 lbs, Wessel, Kulenkampf & Co
2,100 bgs, 420,000 lbs, Nieschlag & Co
600 bgs, 120,000 lbs, Carl M Loeb Rhoades Co
EUPHORBIA—87 bls, Parke, Davis & Co
GYPSUM—2,450 tons, United States Gypsum Co
IPECAC ROOT—10 bgs, S B Penick & Co
7 bgs, Brown Bros Harrimann Co
LICORICE ROOT—501 bls, American Commodity Export Co
MINERAL—4,445 bgs
OIL, CASTOR—477 dms
CITRONELLA—15 dms, R J Prentiss & Co
14 dms, Magnus, Mabee & Reynard
COD—310 dms, 50 bbls, 1 cs
CODLIVER—178 dms, R J Prentiss & Co
321 dms, Bankers Trust Co
200 dms, National City Bank
130 dms, Olaf Hertzwig Trading Co, Inc
263 dms, C T Smith Co
333 dms, Elding Trading Co
519 dms, Eelsingh & Lugtigheid
ESSENTIAL—2 cs, French American Banking Corp
FUEL—100,000 bbls, Standard Oil Co of N J
98,550 bbls
PALM—40 bbls
PAPRIKA—100 bgs, 14,000 lbs, Mutual Spice Co
1,000 bgs, 140,000 Norport Trading Co
200 bgs, 28,000 lbs, Hudson Tea & Spice Co
100 bgs, 14,000 lbs, J H Forbes Tea & Spice Co
100 bgs, 14,000 lbs, Asmus Bros
200 bgs, 28,000 lbs, J Raphael & Son
50 bgs, 7,000 lbs, Griffith Laboratories
100 bgs, 14,000 lbs, Continental Spice Co
150 bgs, 21,000 lbs, Levy & Levis Co
75 bgs, 10,500 lbs, Brookhattan Trading Co
100 bgs, 14,000 lbs, Archibald & Kendall
200 bgs, 28,000 lbs, Morris J Golombeck
75 bgs, 10,500 lbs, Safe Owl Product Co.
SENNA LEAVES—210 bls, S B Penick & Co
1,000 bls
55 pkgs
PODS—100 bls
WAX, CARNAUBA—34 bgs, Chase National Bank Trust Co
55 bgs, Brown Bros Harriman Co
23 bgs, Strah & Pitsch
56 bgs, National City Bank
22 bgs, Manufacturers Trust Co
64 bgs, Guaranty Trust Co
56 bgs, W R Grace & Co
22 bgs, Bank of London South America

72d—OPD—Year

Baltimore Imports

COPRA—2,619 tons

72d—OPD—Year

Foreign Trade Rules

Information recently published by the Department of Commerce or foreign tariff and reltaed trade regulations includes the following:—

Fertilizers:—Canada has prohibited fertilizer containing chemical nitrogen to be used for lawn, golf course, park cemetery, roadside, or in noncommercial planting of trees, shrubs, or flowers, under a regulation issued by the Canadian Wartime Prices and Trade Board effective December 19, 1942.

Quartz Crystals:—Brazilian regulations governing trading and classification standards of quartz crystals have been revised.

72d—OPD—Year

Phila. Drug Exchange Dinner January 28

The Philadelphia Drug Exchange will hold its annual dinner in the Bellevue-Stratford hotel, January 28. R. G. Anderson, of Merck & Co., will preside. Reservations are in charge of J. Mervin Rosenberger, of Smith, Kline & French Company, 105 North Fifth street, Philadelphia.

72d—OPD—Year

F.W.D.A. Dinner Speaker Flack

The speaker at the informal dinner of "The Road Ahead Conference," sponsored by the Federal Wholesale Druggists Association, to be held in the Biltmore hotel February 3, will be Gene Flack, trade relations counsel of the Loose-Wiles Biscuit Company and vice-president of the New York Sales Executive Club. The dinner, scheduled for 7:30 p.m., will be served at $5 per person. The conference will be a two-day affair, February 3 and 4.

72d—OPD—Year

BEW Amends Rule For Individual Licenses

Board of Economic Warfare has amended its regulation dealing with applications for individual licenses. The amendment follows:—

Paragraph (c) No. 804.2 applications for licenses is hereby amended to read as follows:—

(c) A separate and complete application must be submitted for each commodity to be exported to each consignee in each country of destination, except that a single application may be filed covering any number of commodities for which certificates of necessity are not required classifiable under the Department of Commerce Schedule B numbered groups where all such commodities included in a single application are destined for a single consignee in a single country of destination:—

Among the commodities and groups listed on schedule B are:—

Animal oils and greases, inedible; other inedible animals and animal products; edible vegetable oils and fats, molasses, honey glucose and syrup, cocoa beans, cocoa, chocolate.

Druggist rubber sundries; naval stores, other gums and resins; oilseeds, except hempseed; expressed oils and fats, inedible.

Essential or distilled oils and blended, compounded, or mixed perfume-flavor oils; vegetable dyeing and tanning extracts; petroleum and products; clay and clay products; graphite; mica; cryolite; certain non-metallic minerals; aluminum; copper; tin; zinc.

Coaltar products, except commodities requiring a certificate of necessity; medicinal and pharmaceutical preparations, except commodities requiring a certificate of necessity; chemical specialties, except commodities requiring a certificate of necessity; industrial chemicals, except commodities requiring certificates of necessity; pigments, paints and varnishes; fertilizers and fertilizing materials; explosives, fuses, etc.; soap and toilet preparations.

72d—OPD—Year

Fertilizer Inspection Compliance Asked

A bill, S. 150, requiring the Federal government to comply with the inspection laws of the several States in its distribution of fertilizers and seeds to farmers has been introduced in the senate by Senator Charles O. Andrews, of Florida. The bill is the result of a recent Federal court decision in Florida holding that the State authorities could not collect inspection fees from the Federal government on fertilizers distributed by the Department of Agriculture to Florida farmers.

72d—OPD—Year

Current Market Quotations

—Continued from page 27

Zinc sulphate, flake, bgs., c.l.,	100 lbs.	4.10	—
l.c.l.	100 lbs.	4.55	—
bbls., c.l.	100 lbs.	4.25	—
l.c.l.	100 lbs.	4.90	—
powd., bgs., c.l.	100 lbs.	5.80	—
l.c.l.	100 lbs.	6.55	—
bbls., c.l.	100 lbs.	6.05	—
l.c.l.	100 lbs.	6.80	—
Sulphide,[3] pure, bgs., c.l. (20 tons), divd.	lb.	.06½-	—
l.c.l., divd.	lb.	.06½-	—
bbls., c.l. (20 tons), divd.	lb.	.06½-	—
l.c.l.	lb.	.06¾-	—
barium, pigment, bgs., c.l., divd.	lb.	.0560-	—
l.c.l., divd.	lb.	.0585-	—
calcium pigment, bgs., c.l., divd.	lb.	.0560-	—
l.c.l., divd.	lb.	.0585-	—
magnesium, pigment, bgs., c.l., divd.	lb.	.05¾-	—
l.c.l., divd.	lb.	.06 -	—

Yellow (See Yellow, Zinc)
chrome (see Yellow, zinc)
[3] Sulphide delivered to Pac. Cst. is ¼c. per lb. higher for the pure and ½c. for the others.

Sulphocarbolate, NF, bbls., dms.	lb.	.24	- .25
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.65	- —
l.c.l., works	100 lbs.	6.70	- —
Zinc-iron oxide, pigment, bgs., c.l., divd.	lb.	.06	- —
l.c.l., divd., E. of Rockies.	lb.	.06¼-	—
divd., Pac. cst.	lb.	.06¼-	—
ex whse., Pac. cst.	lb.	.07	- —
Zirconium nitrate, kgs., works.	lb.	3.00	- 4.00
Oxide, crude, 70-75%, gr., bbls., works.	ton.	75.00	-100.00
white, 95%, grd., kgs., works.	lb.	1.80	- 2.00

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials will appear next in the February 1 issue of OPD.

Botanical Drugs

Roots

—Continued from page 55

available will move into consumption when coming expansion in consumption arrives.

Gentian.—Easy and still competitive at recent decline in spot prices.

Golden Steal.—Not much demand but exceptionally strong prices noted. Advances over considerable period fully maintained.

Ipecac.—Strong in all markets. Top quality hard to obtain. Added to list 3, import control order M-63.

Jalap.—Steady to firm, all markets. Demand fairly quiet locally.

Licorice.—Substitutes for licorice mass being pushed.

Mandrake.—Firm, spot and country. Not much demand on spot.

Rhubarb.—Steadier on basis of previous week's decline. Future arrivals highly uncertain. Are possible.

Senega.—Fair tendency to accept reasonable bids. Export movement has been poor.

Squill.—Stocks, red squill, replenished substantially from North Africa.

Valerian.—Eastern root reported sold under competition at 95c. per pound.

Seeds

Anise.—Spanish higher at 38½c. to 39c. per pound. Star up to 46c. to 48c. Syrian lower at 27½c. to 28c.

Caraway.—Morocco seed cheaper at 56c. to 57c.

Celery.—More activity in Indian. Market up to 30½c. to 31c. per pound.

Mustard.—Roumanian yellow out of stock. Montana yellow up to 6c. to 6½c. per pound.

Poppy.—Turkish a fraction lower at 34c. to 35c. per pound.

Rape.—Domestic dwarf Essex shaded to 9½c. to 10c. per pound.

Sabadilla.—Powder available at 31c. to 32c. per pound, a decline.

Sesame.—Indian natural advanced to 9¼c. to 9¾c. per pound.

Sunflower.—Higher again. Large, 10c. to 10½c. per pound; medium, 9½c. to 10c.; poultry grade, 9c. to 9½c.

Spices

Allspice.—Mexican item holds steady.

Cassia.—Scarce and high. Few hold any. Substitutes developed.

Cinnamon.—Ceylon higher at 58c. to 59c. per pound, quantities of 50 to 75 bales. In 25 bale lots, 61½c. to 62c.

Clove.—Zanzibar spice higher at 18½c. to 19c. per pound. Futures almost the same price.

Ginger.—Completely firm on spot. Jamaica still sounding market and seeking buyers. No change in spot quotations.

Nutmegs.—Limited stocks in strong hands.

Paprika.—Extra fancy Portuguese higher at 39c. to 40c. per pound.

Pepper.—Stocks, December 31, estimated at 365,431 bags in warehouses. Monthly consumption, 1942, averaged 19,078 bags. Stocks decreased 228,959 bags, or about 38 percent, during year.

Trading in black pepper futures on the New York Produce Exchange from January 18 to January 22, inclusive, comprised nil contracts. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
March	....	....	6.63 bid
May	....	....	6.63 bid

Pimento.—Steady to firm, considering moderate current activity. Spot stocks light.

72d—OPD—Year

Washington Talks It Over

—Continued from page 5

willingness of the miners to pay higher dues, voted at the UMW convention, was the original cause of the strike, and had there been no check-off "control," it is quite possible the added dues might not have been assessed and the strike action never come about.

72d—OPD—Year

Nitrocellulose Allocation Unchanged for February

OPD Washington Bureau

February allocation of nitrocellulose will be relatively the same as in January, members of the Proxylin and Vinyl Resin Coated Paper and Fabric Industry advisory Committee were told by officials of the WPB at a meeting January 19. Nitrocellulose was freer in January than in previous months but not sufficiently so to permit much change in the allocation.

Members were also reminded that the supply of castor oil, formerly used in proxylin coatings, also is short and were told not to anticipate that any will be granted in the future for shoe plasticizing, proxylin finishes or coatings for shoes for civilian uses. While it has been allowed for military uses, it is possible that specifications of some military articles may be changed to permit substitutes.

72d—OPD—Year

American Optical Company, Southbridge, Mass., celebrated January 18 its 110th anniversary.

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OPD—1-25-1943

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Brown Company—*Chloroform*
Hawaiian Pineapple Co.—*Citric Acid*
Zinsser & Co.—*Gallic Acid, Tannic Acid*
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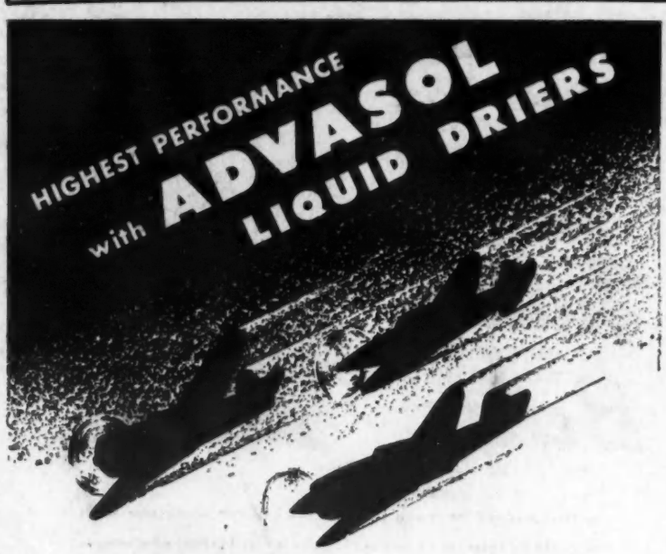

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